

CBP Enterprise Services

Office of Facilities and Asset Management

Overview of CBP Fence and Roads

November 23, 2016

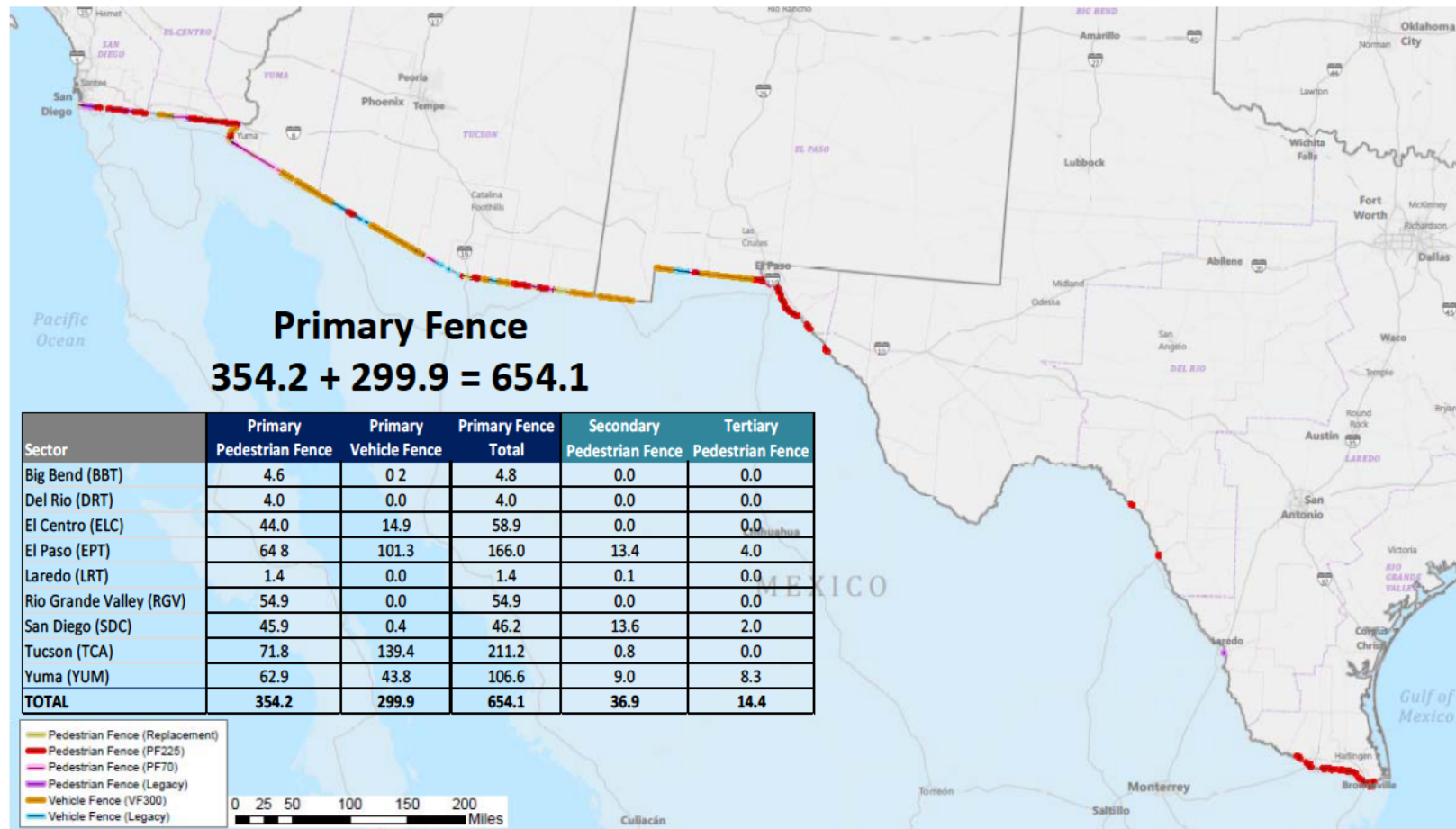


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Border Protection





Map of Existing Fence



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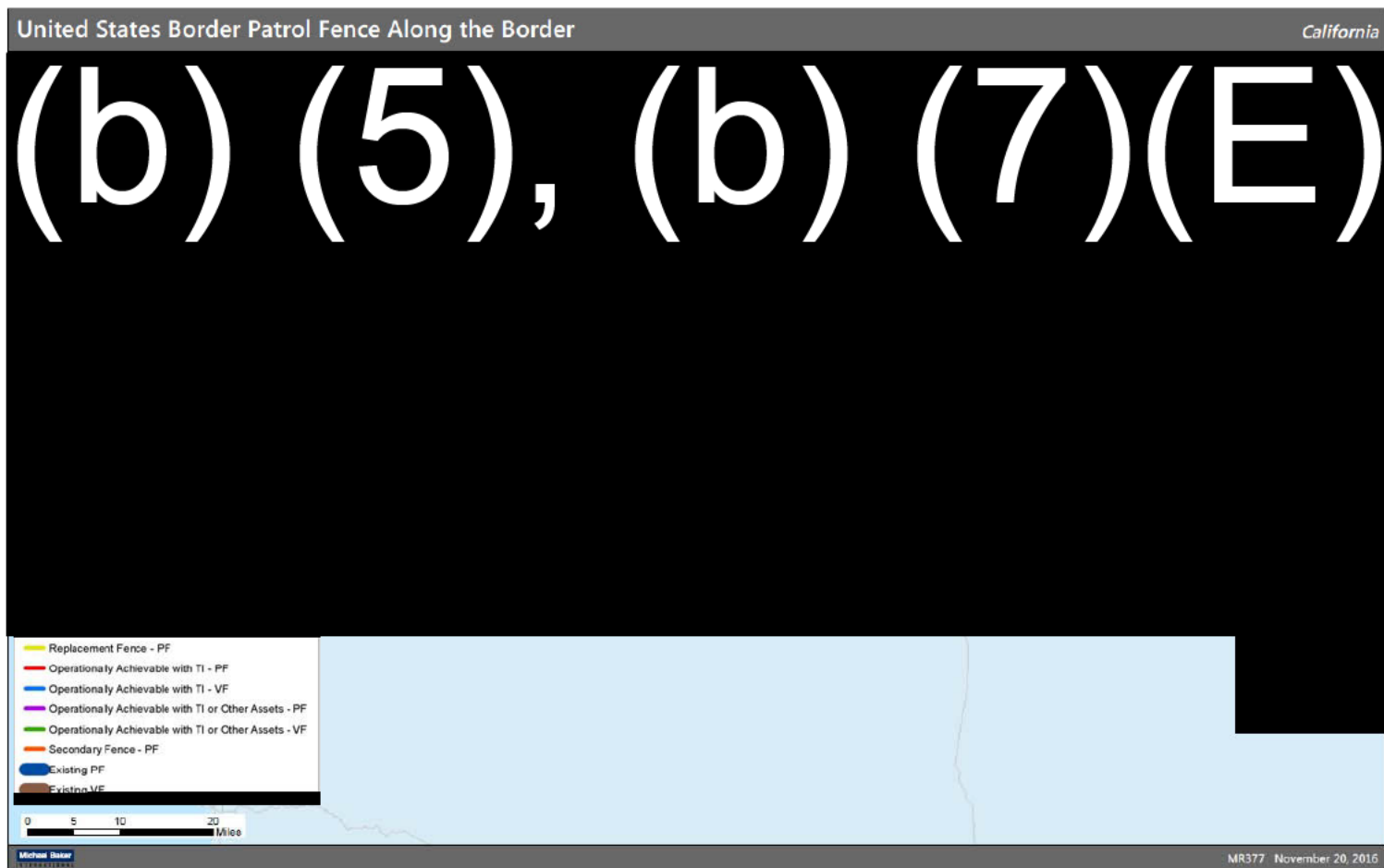


A Foundation on Which to Build Fence

- CBP was tasked with building 700 miles of “two layer” fencing on the southwest border which was later changed to meet USBP operational requirements of 654 miles of primary fence.
- This was tasked to CBP in July 2007, with over 600 miles completed by January 20, 2009.
- 654 miles of primary fence have been completed to date, with the majority of mileage completed between 2008 and 2009.



Map of Existing & Proposed Fence



Please Note: Anywhere there is secondary fence, there is a primary fence layer below it.
This is a high level view of proposed requirements refinements of geospatial lines in progress



Summary of Unconstrained Operational Needs & Cost Estimates

Southwest Border				
Requirement Type	New Miles	Acquisition/Initial Costs ROM (-50%/+100%) Cost	20 Year Recurring Costs (Maintenance and Repair)	Total End State Cost
New Primary PF	(b) (7) (E)	(b) (7) (E)	(b) (7) (E)	(b) (7) (E)
New VF				
Replacement Primary PF & VF				
New Secondary PF				
New Roads				
Repairs to Existing Roads				

Northern Border				
Requirement Type	New Miles	Acquisition/Initial Costs ROM (-50%/+100%) Cost	20 Year Recurring Costs (Maintenance and Repair)	Total End State Cost
New Primary PF	(b) (5), (b) (7) (E)	(b) (5), (b) (7) (E)	(b) (5), (b) (7) (E)	(b) (5), (b) (7) (E)
New VF				
Replacement Primary PF & VF				
New Secondary PF				
New Roads				
Repairs to Existing Roads				



Summary of Unconstrained Operational Needs & Cost Estimates

Southwest and Northern Border				
Requirement Type	New Miles	Acquisition/Initial Costs ROM (-50%/+100%) Cost	20 Year Recurring Costs (Maintenance and Repair)	Total End State Cost
New Primary PF	(b) (5), (b) (7)(E)			
New VF				
Replacement Primary PF & VF				
New Secondary PF				
New Roads				
Repairs to Existing Roads				

(b) (5)

*****Statement pending USBP Approval / Edits*****



Quickest Wins

(b) (5), (b) (7)(E)



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Estimated High Level Timeline

Overall Project Assumptions:

(b) (5)

(b) (5)



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Quick Win Timeline

(b) (5)

(b) (5)



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Approach to Fence Construction

- **Cost:**

(b) (5)





Approach to Fence Construction

- **Cost (continued)**

(b) (5)





Approach to Complete Fence Construction

- Other Considerations (slide 1 of 2)

(b) (5)





Approach to Complete Fence Construction

- Other Considerations (slide 2 of 2)

(b) (5)



BACKUP



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Border Fence Overview

- To date, U.S. Customs and Border Protection (CBP) completed **654 miles of primary pedestrian and vehicle fence**.
 - Border Fence provides persistent impedence to illegal cross-border activity, which offers Border Patrol agents more time to respond to and resolve threats.
 - CBP has completed three main fence programs since the enactment of the Secure Fence Act in 2006: Pedestrian Fence (PF) 70, PF 225, and Vehicle Fence (VF) 300. Any fence constructed prior to these programs is considered “legacy.”*
 - Tactical Infrastructure (TI) also includes gates; roads, bridges and boat ramps; drainage structures and grates; lighting and electrical systems; and vegetation and debris removal.

Sector	Pedestrian Fence				Vehicle Fence
	Primary	Secondary	Tertiary	TOTAL PF	TOTAL VF
Big Bend (BBT)	4.6	0.0	0.0	4.6	0.2
Del Rio (DRT)	4.0	0.0	0.0	4.0	0.0
El Centro (ELC)	44.0	0.0	0.0	44.0	14.9
El Paso (EPT)	64.8	13.4	4.0	82.3	101.3
Laredo (LRT)	1.4	0.1	0.0	1.5	0.0
Rio Grande Valley (RGV)	54.9	0.0	0.0	54.9	0.0
San Diego (SDC)	45.9	13.6	2.0	61.4	0.4
Tucson (TCA)	71.8	0.8	0.0	72.6	139.4
Yuma (YUM)	62.9	9.0	8.3	80.2	43.8
TOTAL	354.2	36.9	14.4	405.5	299.9



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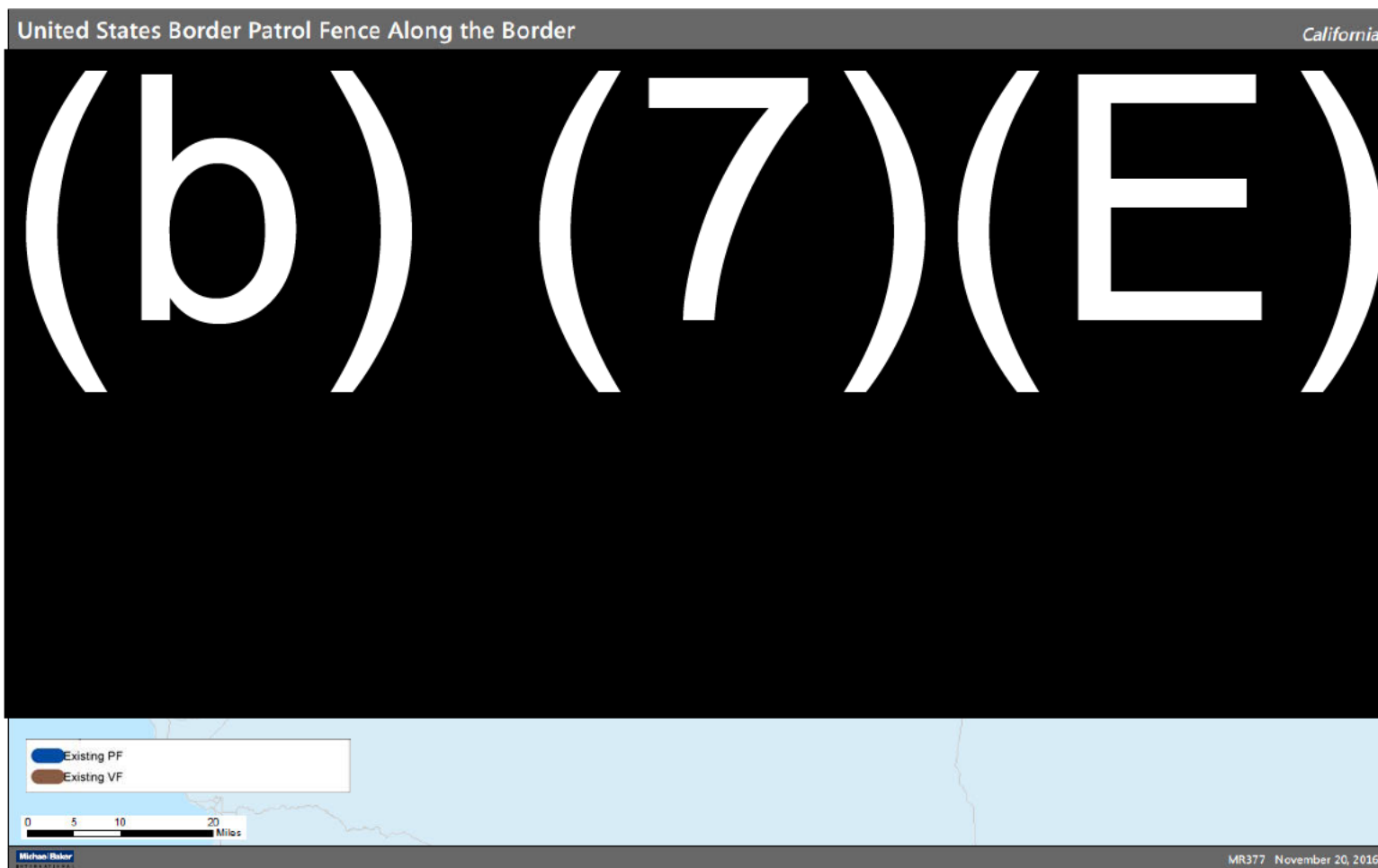
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15

*The term “legacy” is also used to define older fence designs including landing mat. These legacy designs are being assessed for replacement.
Please note that numbers may not add up due to rounding. Fence mileage is tracked to the thousandth decimal place.



Maps – Current Fence, California



Please Note: This is a high level view of proposed requirements refinements of geospatial lines in progress

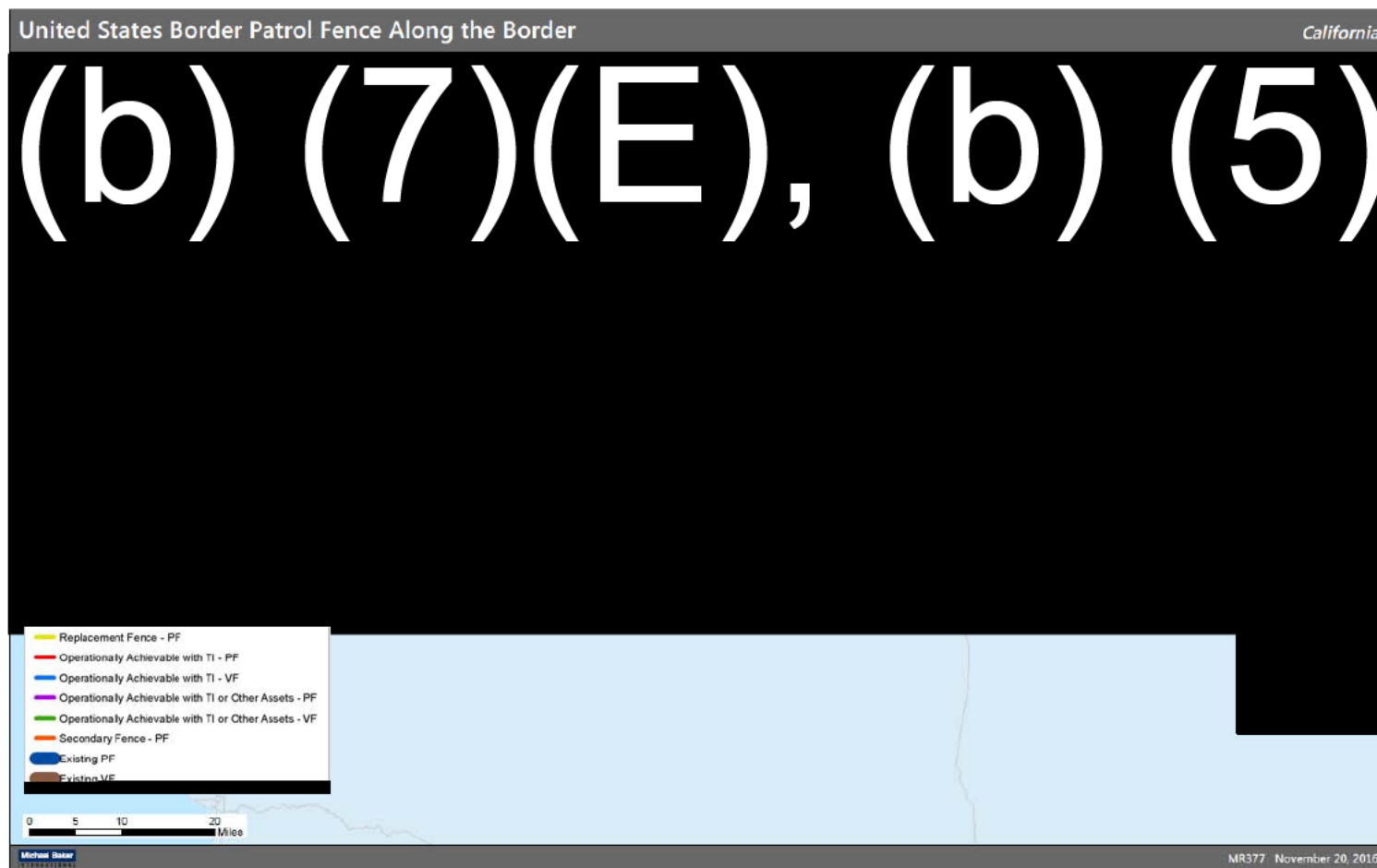


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Maps – Current & Proposed Fence, California



Please Note: Anywhere there is secondary fence, there is a primary fence layer below it.
This is a high level view of proposed requirements refinements of geospatial lines in progress

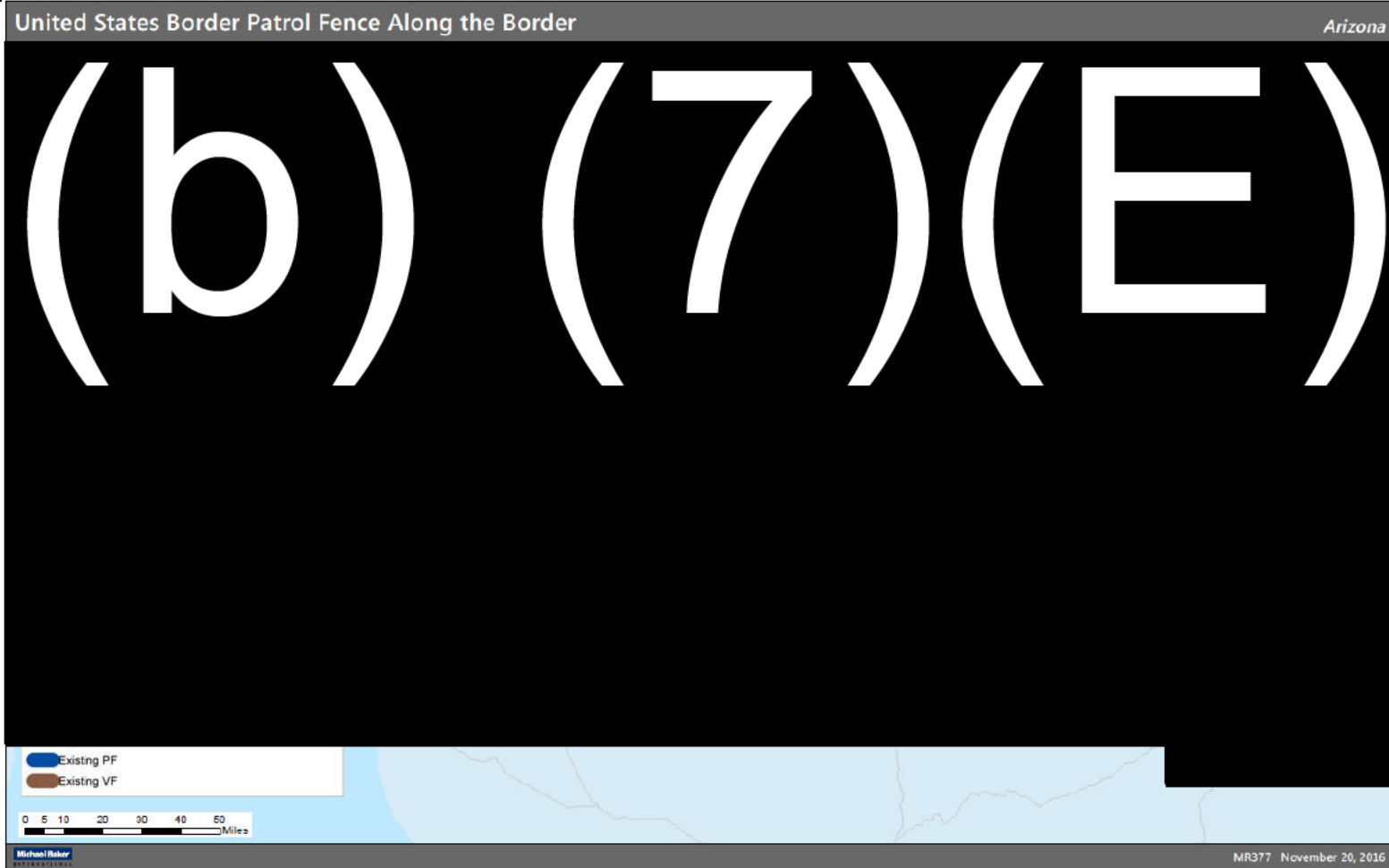


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Maps – Current Fence, Arizona



Please Note: This is a high level view of proposed requirements refinements of geospatial lines in progress



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Maps – Current & Proposed Fence, Arizona

United States Border Patrol Fence Along the Border

Arizona

(b) (7)(E), (b) (5)

- Replacement Fence - PF
- Operationally Achievable with T1 - PF
- Operationally Achievable with T1 - VF
- Operationally Achievable with T1 or Other Assets - PF
- Operationally Achievable with T1 or Other Assets - VF
- Secondary Fence - PF
- Existing PF
- Existing VF

0 5 10 20 30 40 50 Miles

Michael Baker

MR377 November 20, 2016

Please Note: Anywhere there is secondary fence, there is a primary fence layer below it.

This is a high level view of proposed requirements refinements of geospatial lines in progress

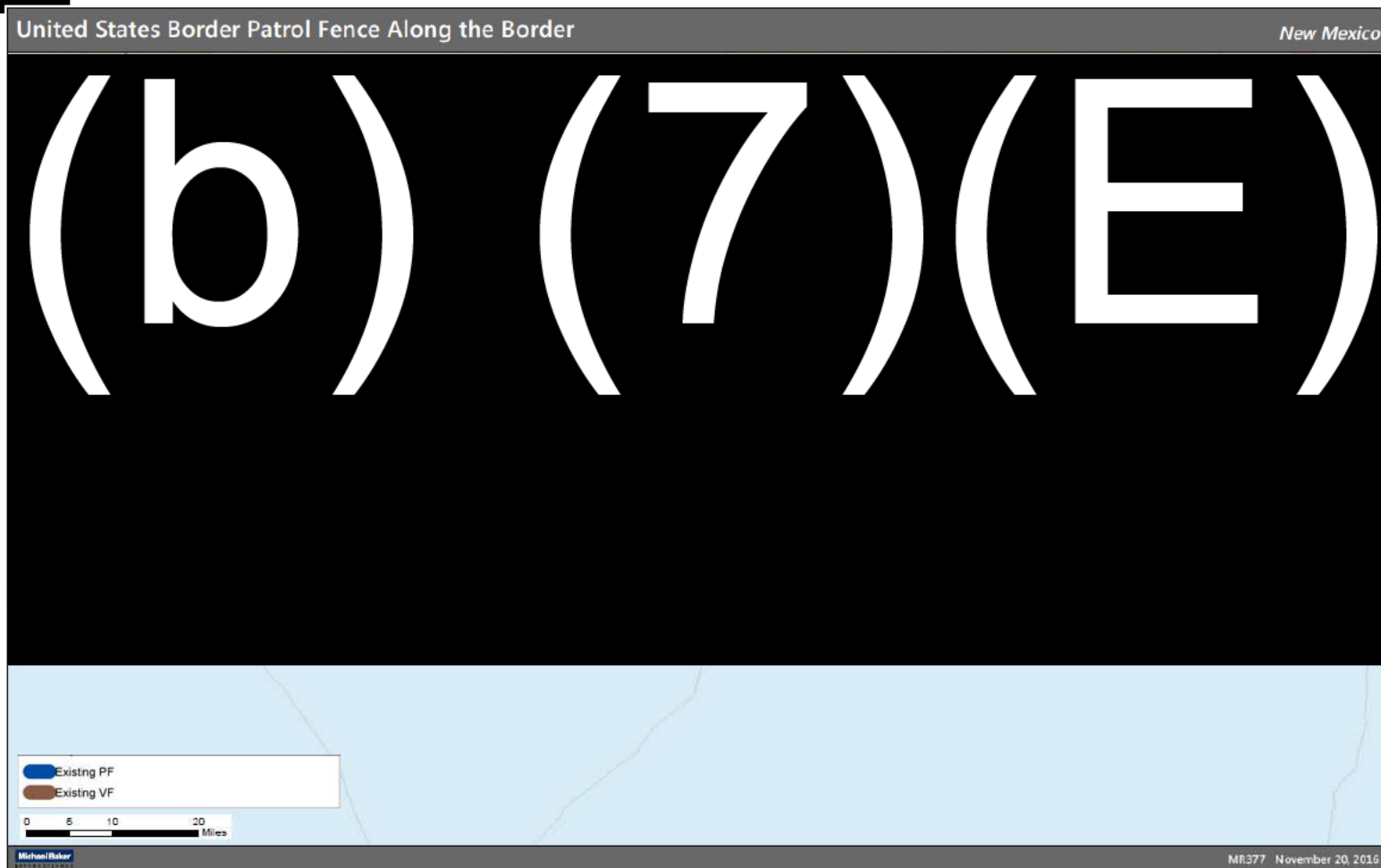


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Maps – Current Fence, New Mexico



Please Note: This is a high level view of proposed requirements refinements of geospatial lines in progress

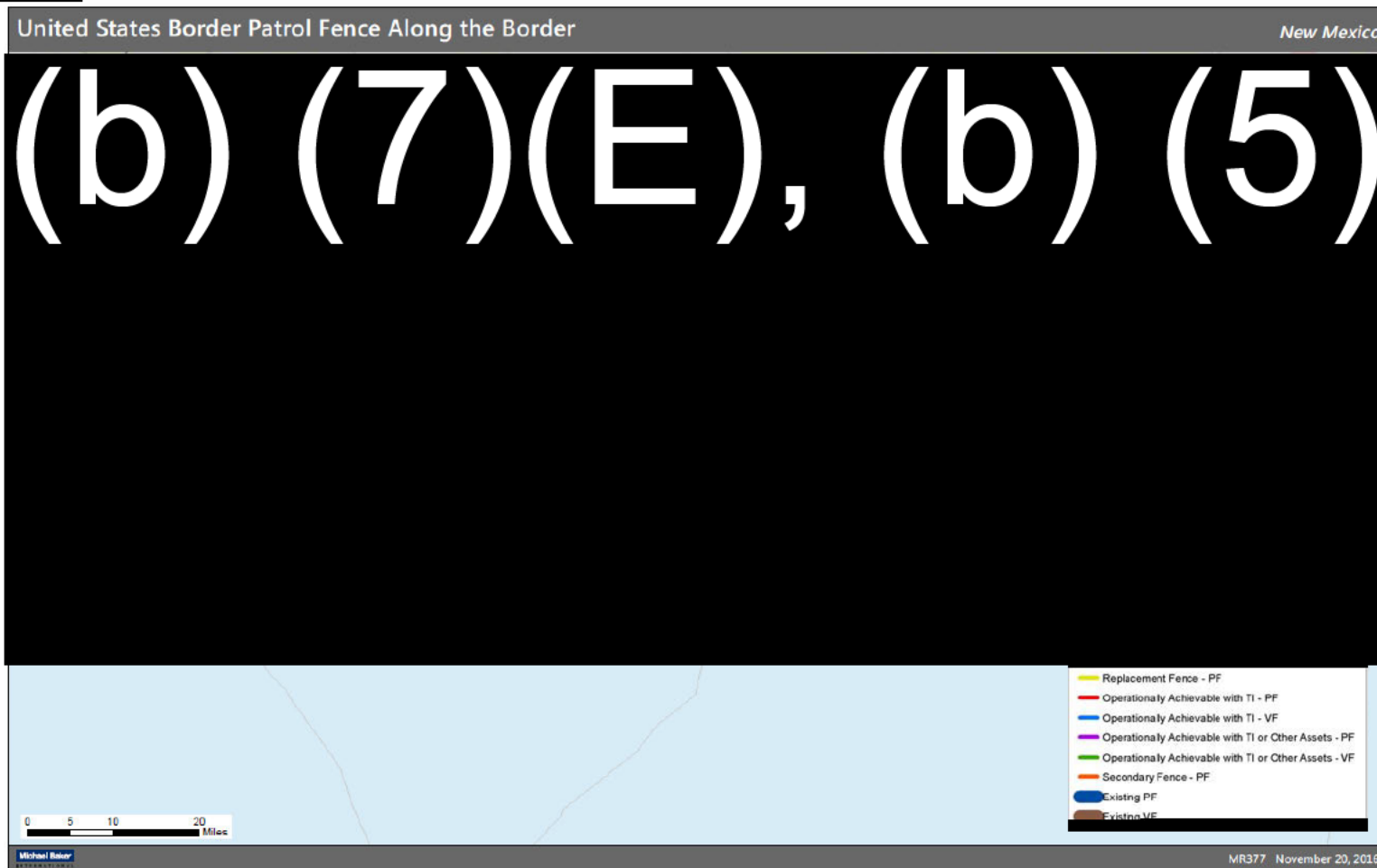


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Maps – Current & Proposed Fence, New Mexico



Please Note: This is a high level view of proposed requirements refinements of geospatial lines in progress

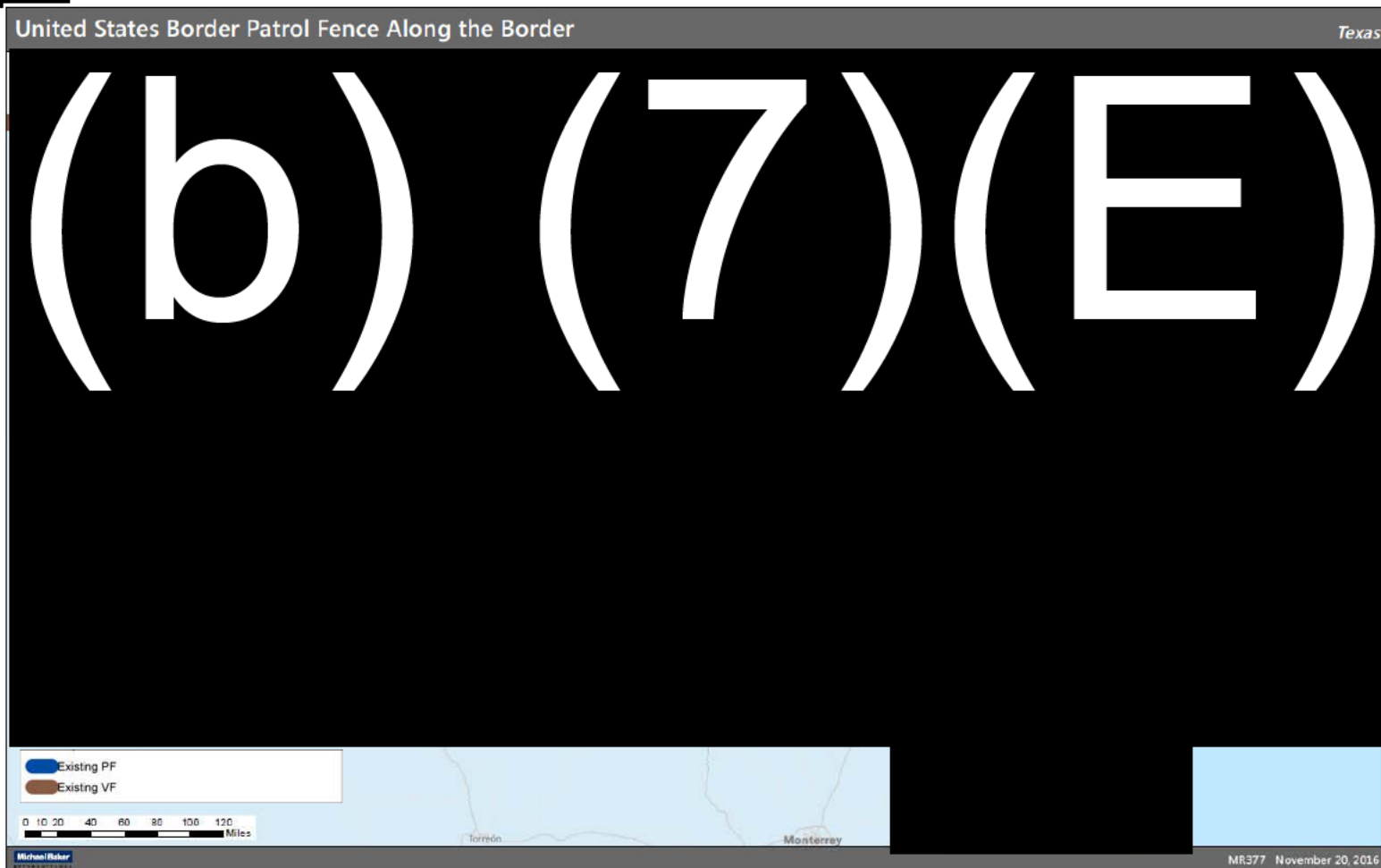


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Maps – Current Fence, Texas



Please Note: This is a high level view of proposed requirements refinements of geospatial lines in progress

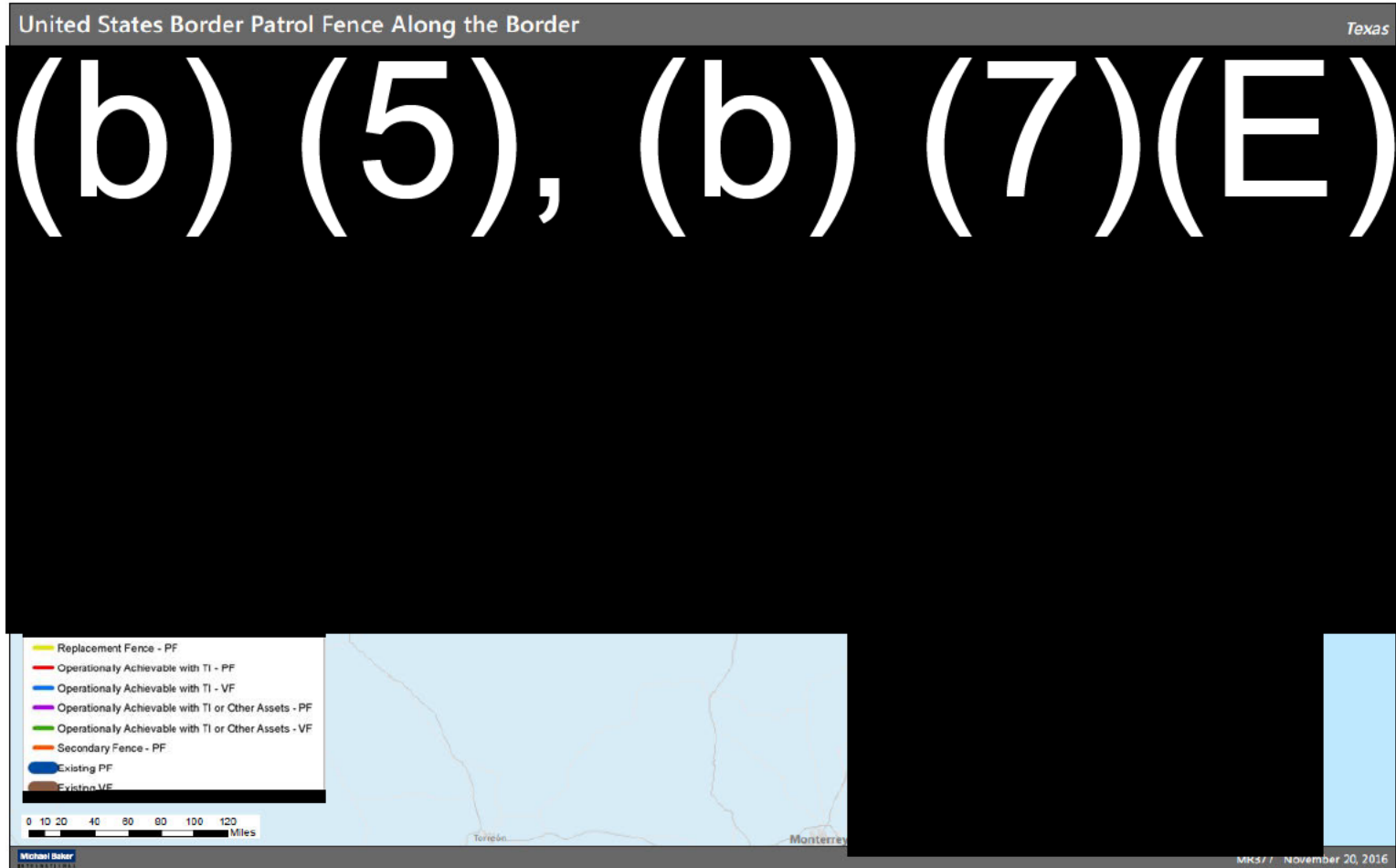


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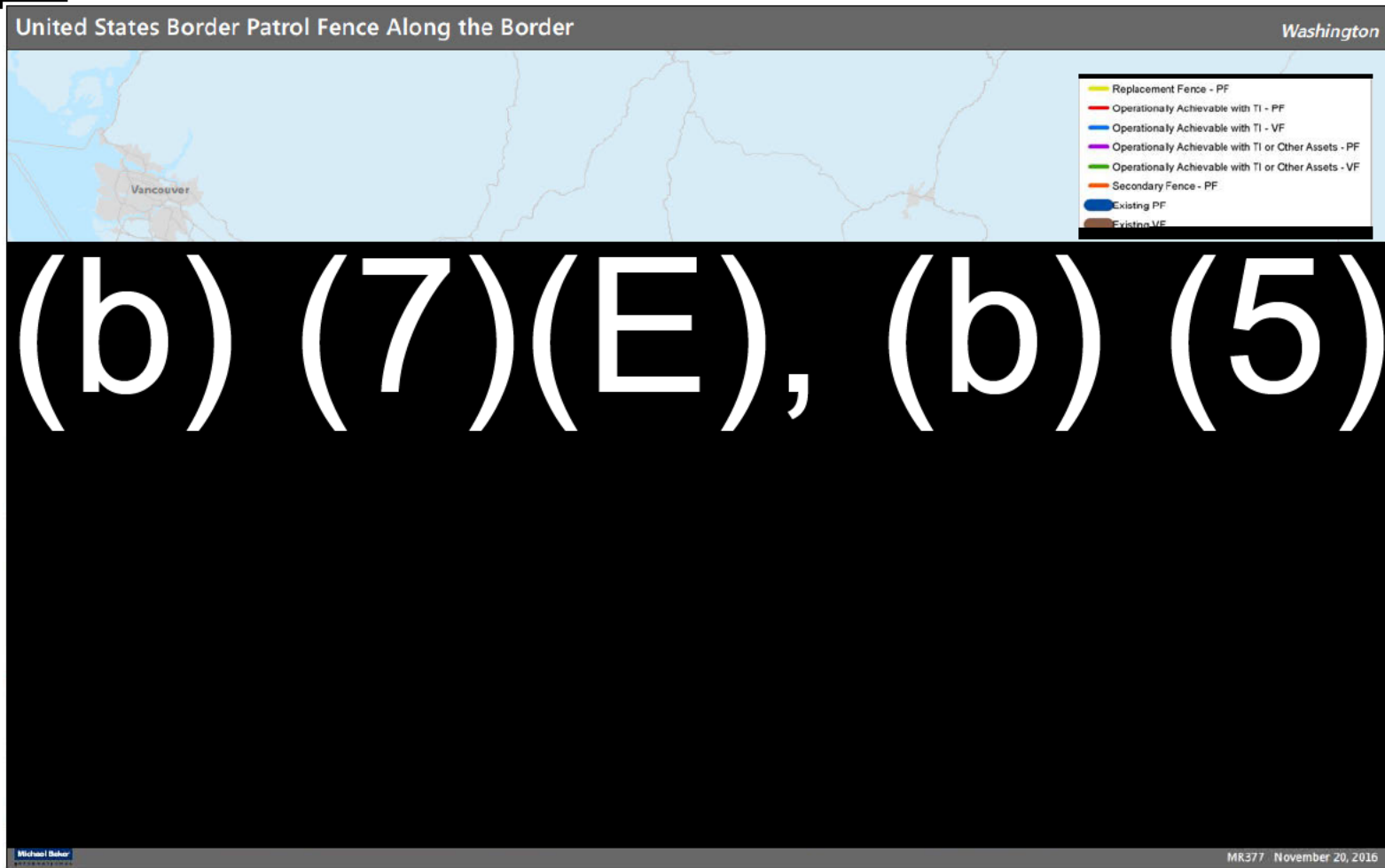
Maps – Current & Proposed Fence Fence, Texas



Please Note: Anywhere there is secondary fence, there is a primary fence layer below it.
This is a high level view of proposed requirements refinements of geospatial lines in progress



Maps – Current & Proposed Fence Fence, Washington



Please Note: This is a high level view of proposed requirements refinements of geospatial lines in progress

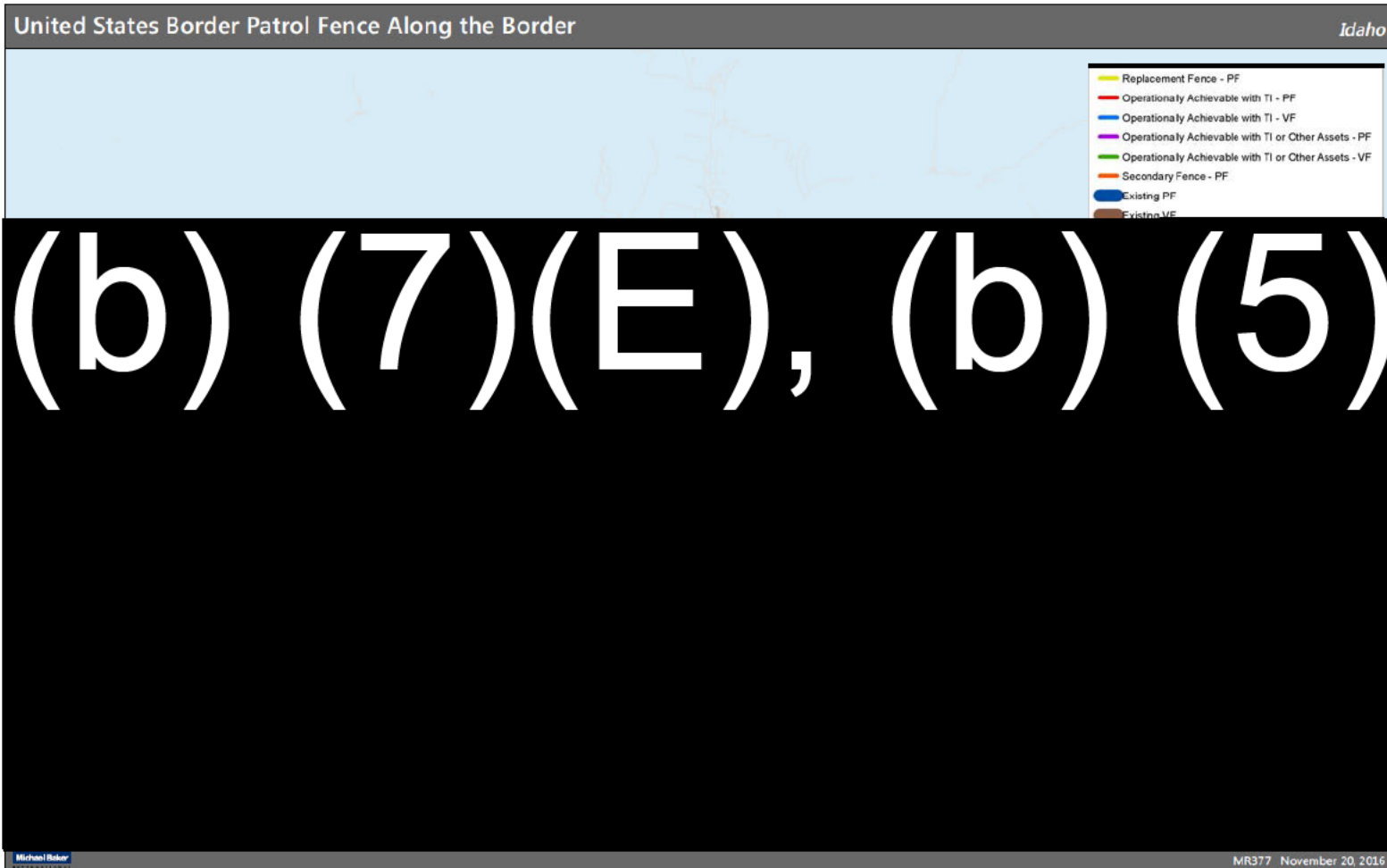


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Maps – Proposed Fence, Idaho



Please Note: This is a high level view of proposed requirements refinements of geospatial lines in progress

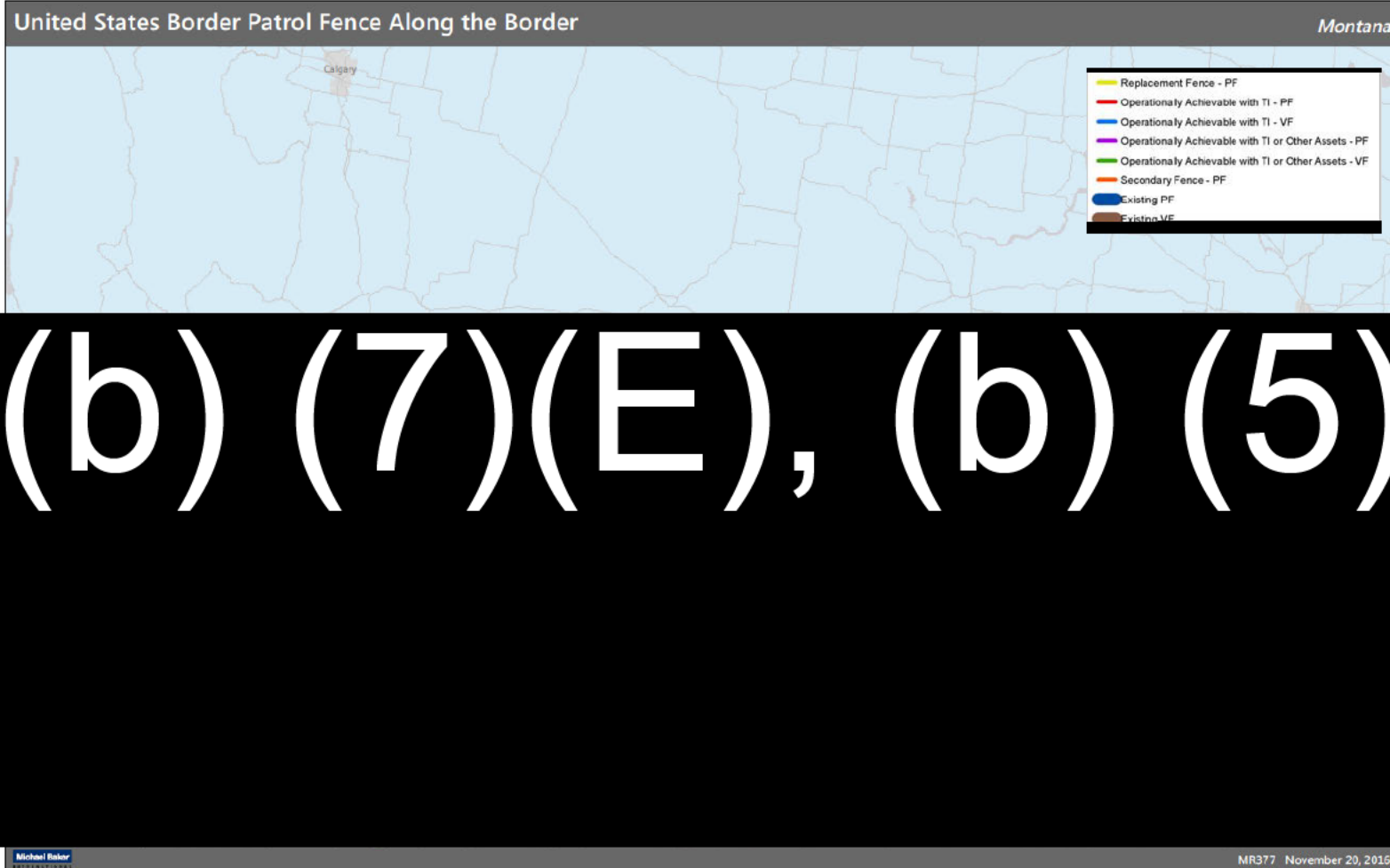


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Maps – Current & Proposed Fence, Montana



Please Note: This is a high level view of proposed requirements refinements of geospatial lines in progress

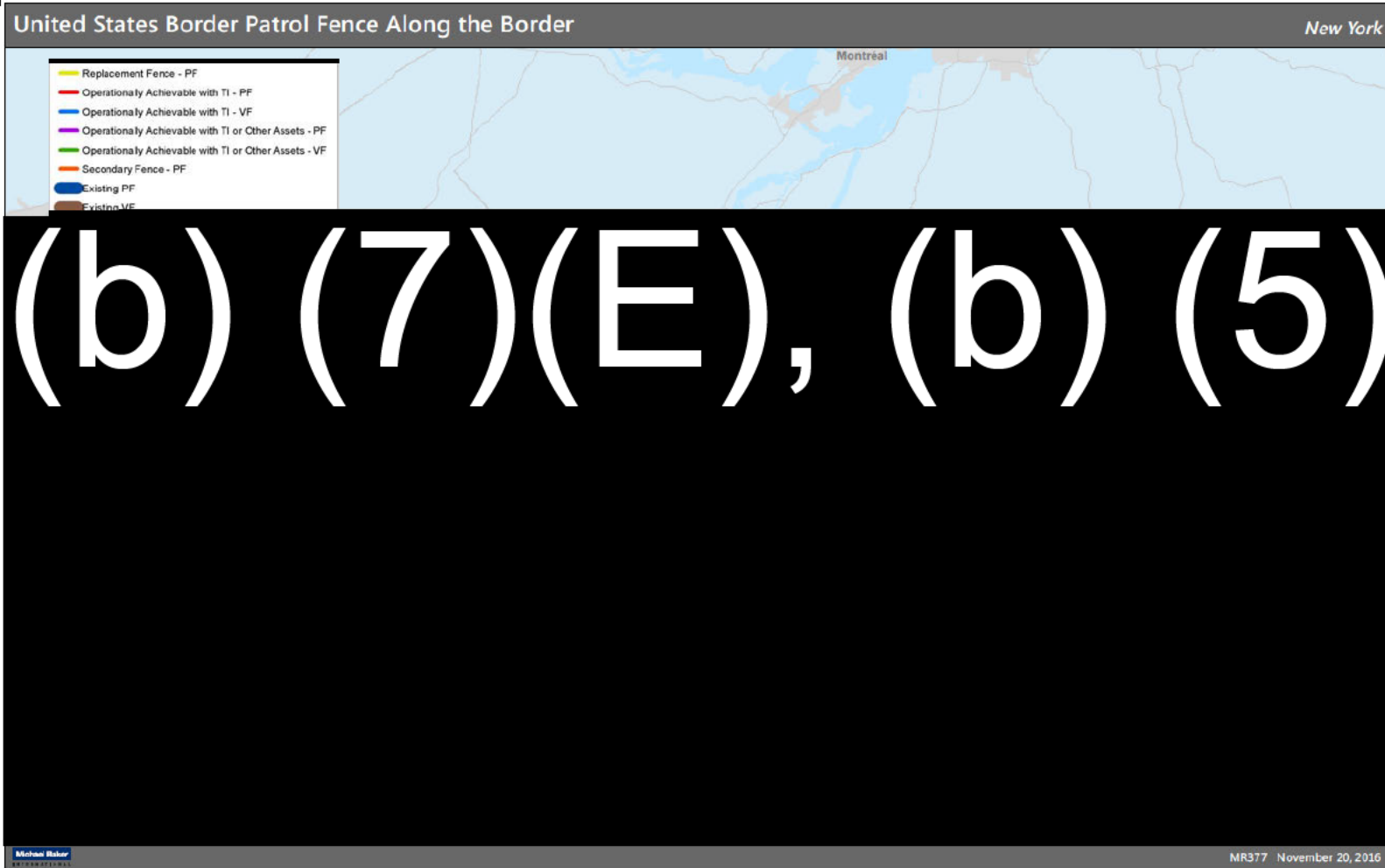


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Maps – Proposed Fence, New York



Please Note: This is a high level view of proposed requirements refinements of geospatial lines in progress

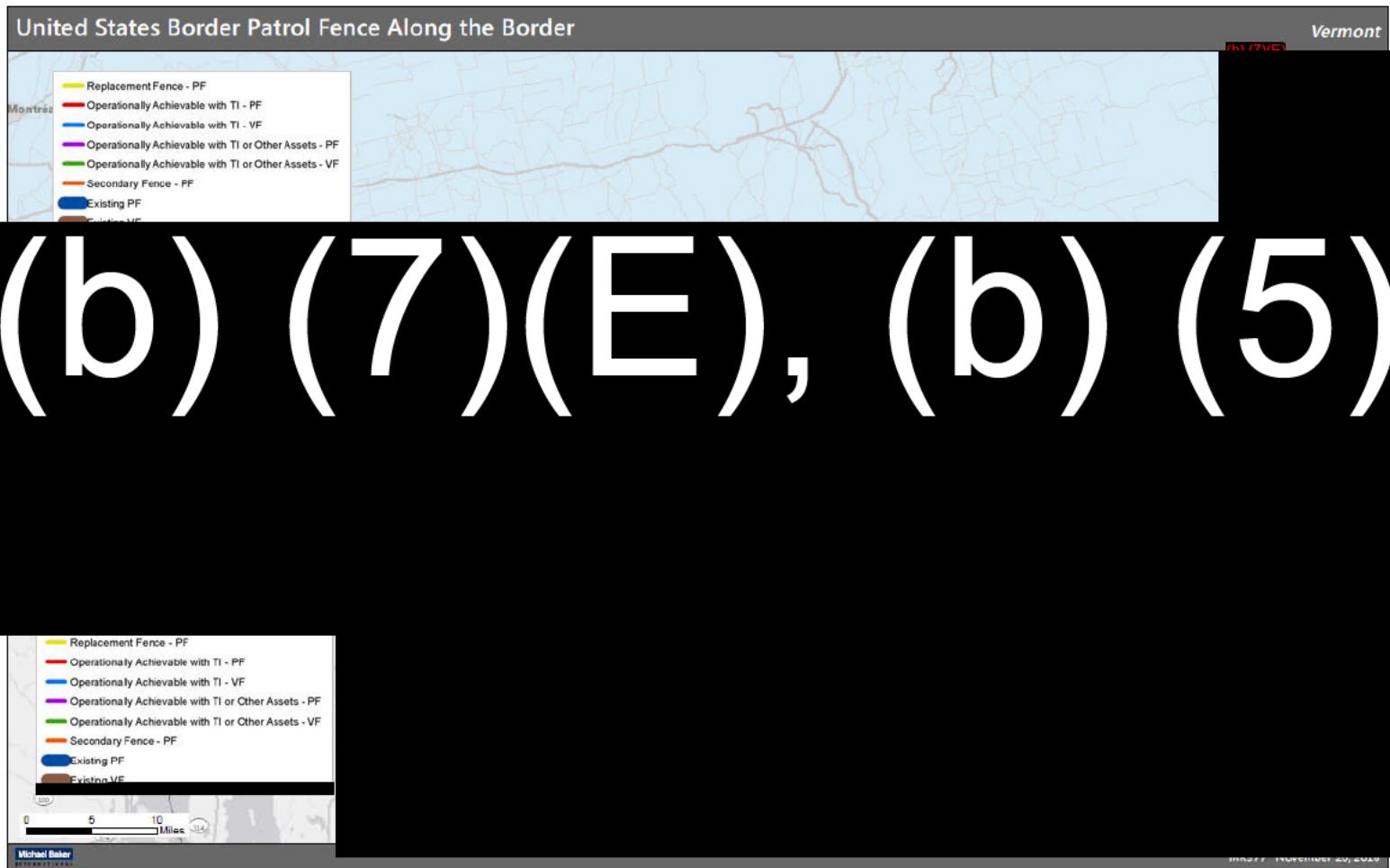


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Maps – Proposed Fence, Vermont



Please Note: This is a high level view of proposed requirements refinements of geospatial lines in progress

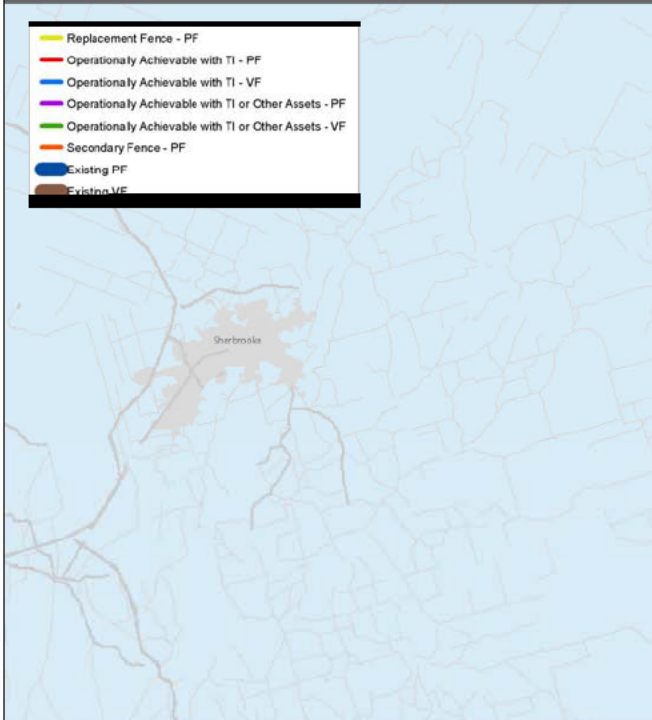


Maps – Proposed Fence, New Hampshire

United States Border Patrol Fence Along the Border

New Hampshire

- Replacement Fence - PF
- Operationally Achievable with TI - PF
- Operationally Achievable with TI - VF
- Operationally Achievable with TI or Other Assets - PF
- Operationally Achievable with TI or Other Assets - VF
- Secondary Fence - PF
- Existing PF
- Existing VF



(b) (7)(E), (b) (5)

Please Note: This is a high level view of proposed requirements refinements of geospatial lines in progress

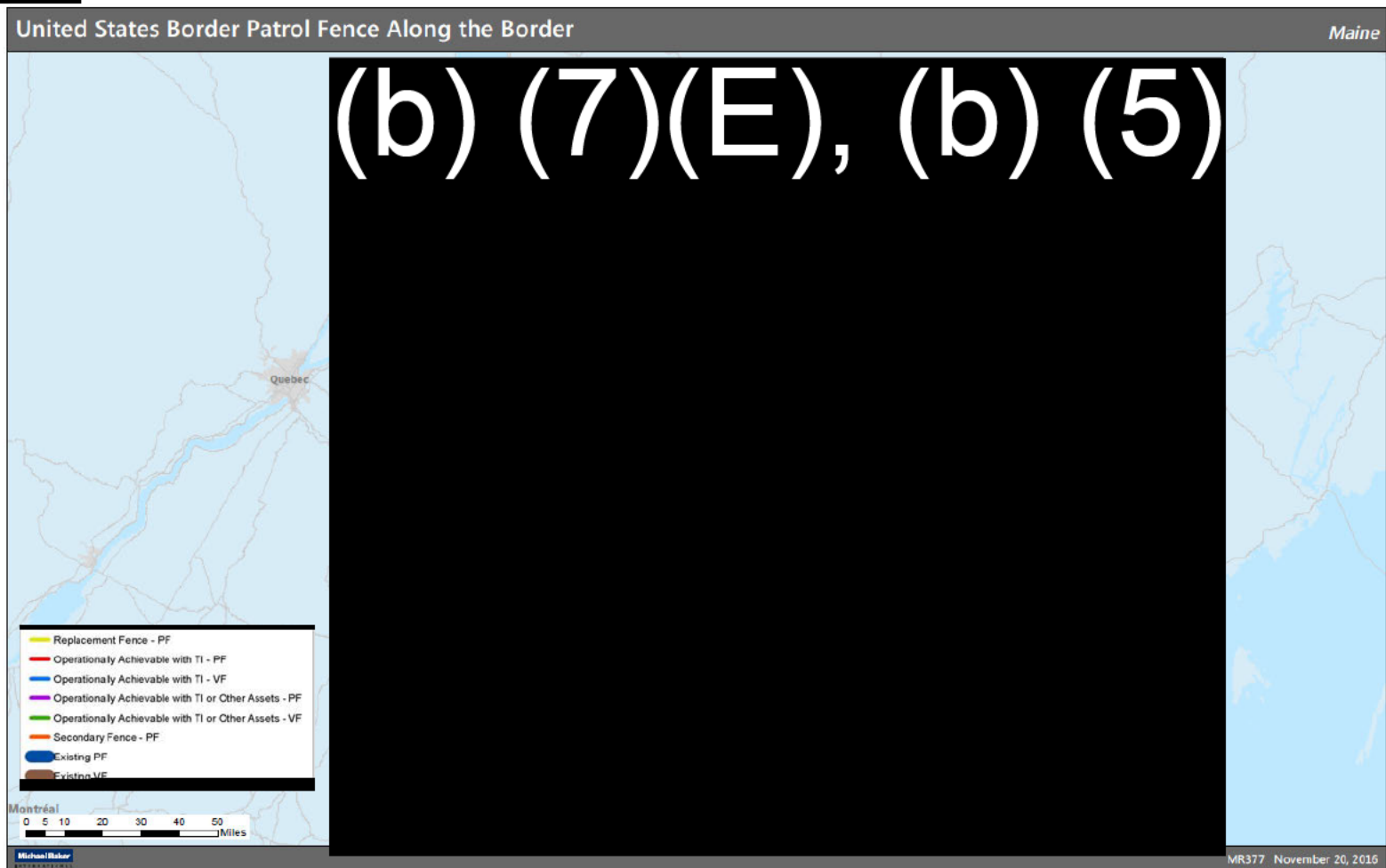


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Maps – Proposed Fence, Maine



Please Note: This is a high level view of proposed requirements refinements of geospatial lines in progress



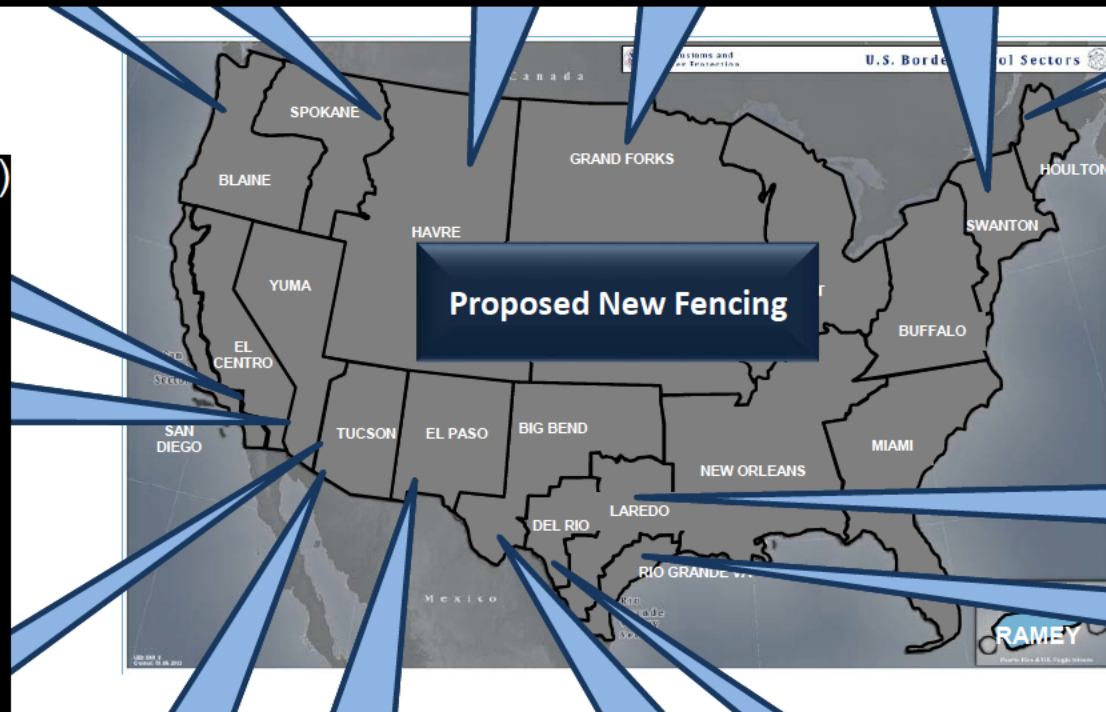
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Proposed New Fencing

(b) (5), (b) (7)(E)



(b) (5), (b) (7)(E)



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All Fence Requirements – Primary, PF & VF

Sector	Existing VF	New Miles VF	ROM (-50/+100) Acquisition Cost VF	Existing Primary PF	New Miles Primary PF	ROM (-50/+100) Acquisition Cost Primary PF
Northern Border Total	(b) (5), (b) (7)(E)					
BLW						
BUN						
DTM						
GFN						
HLT						
HVM						
SPW						
SWB						
Southwest Border Total						
BBT						
DRT						
ELC						
EPT						
LRT						
RGV						
SDC						
TCA						
YUM						
Grand Total						





All Fence Requirements – Replacement PF & Secondary PF

Sector	Replacement Miles PF	ROM (-50/+100) Acquisition Cost Replacement PF	Existing Secondary PF	New Miles Secondary PF	ROM (-50/+100) Acquisition Cost Secondary PF	Existing Tertiary PF
Northern Border Total	(b) (5), (b) (7)(E)					
BLW						
BUN						
DTM						
GFN						
HLT						
HVM						
SPW						
SWB						
Southwest Border Total						
BBT						
DRT						
ELC						
EPT						
LRT						
RGV						
SDC						
TCA						
YUM						
Grand Total						





Border Fence Photos – Legacy for Replacement

Pedestrian Fence – Bollard & Legacy



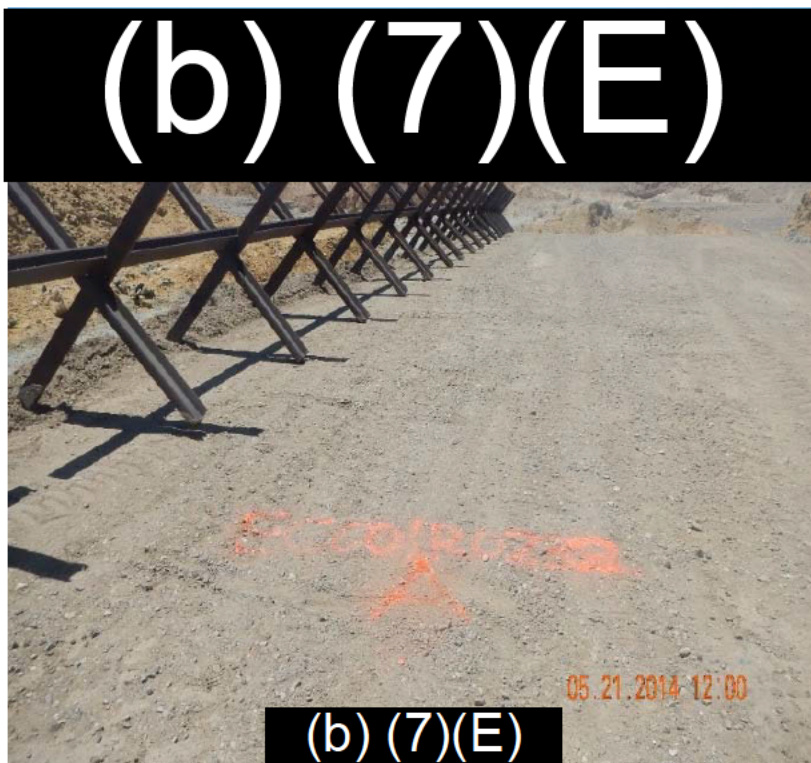
Pedestrian Fence – Legacy



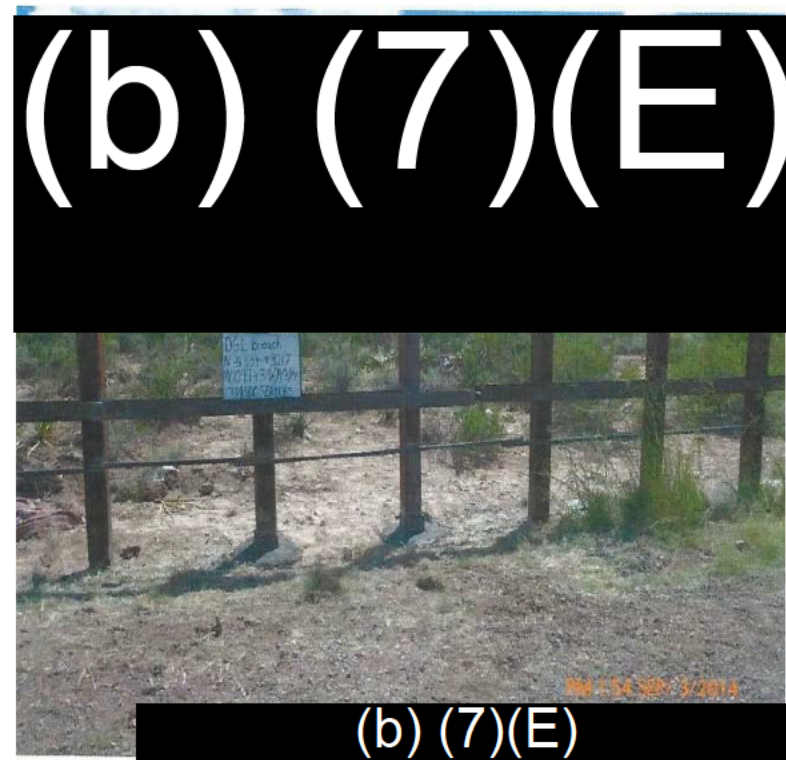


Border Fence Photos – VF Designs

Vehicle Fence – Normandy



Vehicle Fence – Post/Rail





Border Fence Photos – Floating Fence Design

Pedestrian Fence – Floating Fence – El Centro Sector



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Border Fence Photos – Preferred PF Design

Pedestrian Fence – PV-1 Bollard Tucson Sector





Border Fence Photos – Preferred PF Design

Pedestrian Fence – PV-1 Bollard Tucson Sector



Pedestrian Fence – PV-1 Bollard Yuma Sector



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Border Fence Photos – (b) (7)(E)

Pedestrian "Fleev" – Fence on Levee

(b) (7)(E)



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Approach to Fence Construction

(b) (5)





Approach to Fence Construction

(b) (5)





Approach to Complete Fence Construction

(b) (5)





Approach to Complete Fence Construction

(b) (5)





Border Fence Background

- Section 102(b) of the Illegal Immigration Reform and Immigrant Responsibility Act of 1996 (IIRIRA), as amended, authorizes the Department of Homeland Security (DHS) to construct border infrastructure, including fencing, in locations where such infrastructure would be most practical and effective in deterring illegal entry on the southwest border.
- The purpose of border fence construction is to provide persistent impedance to illegal cross-border activity, which offers Border Patrol agents more time to respond to and resolve threats. Although it is possible to create a breach, or to climb over the fence, the delay in crossing provides agents with additional time to react, thereby increasing the probability of a successful law enforcement resolution.
- To date, CBP completed 654 miles of primary pedestrian and vehicle fencing along the southwest border: approximately 354 miles of pedestrian fence and 300 miles of vehicle fence at the cost of approximately \$2.3 billion.
- It is important to note that tactical infrastructure (TI) also includes roads; gates and bridges; drainage structures and grates; lighting and electrical systems; vegetation and debris removal; and tower real property, construction and maintenance.





Road Requirements

Sector	Existing All Weather Roads	New Road Miles	ROM (-50/+100) Acquisition Cost New Roads	Road Repair Miles*	ROM (-50/+100) Repair Cost New Roads
SDC	(b) (5), (b) (7)(E)				
ELC					
YUM					
TCA					
EPT					
BBT					
DRT					
LRT					
RGV					
BLW					
SPW					
HVM					
GFN					
DTM					
BUN					
SWB					
HLT					





Road Considerations

- CBP manages an inventory of over 5,100 miles of roads identified by the U.S. Border Patrol for maintenance.
 - Roads are utilized for operational requirements include patrol and drag roads. Additionally, these roads provide access to tactical infrastructure including fence and boat ramps.
- CBP is currently in the process of obtaining both real estate access and environmental clearance to ensure maintenance can be conducted on these roads.
 - As of November 2016, 1,509 miles are fully cleared for maintenance and the remaining 3,619 miles are in the process of acquiring both real estate access and environmental clearance. CBP is in the process of acquiring real estate access and completing environmental clearances on the remaining 3,619 miles.
- The average cost to construct new roads is currently estimated at (b) (5).
 - Estimate is a rough order of magnitude (-50/+100) and includes project planning and oversight, environmental planning and compliance, environmental mitigation, real estate planning and acquisition, staffing and human capital requirements, design and construction.
- The recurring average cost to maintain existing roads is \$240K per mile, per year.
 - Estimates for "recurring costs" are rough order of magnitude (-50/+100) and reflect average maintenance costs per mile of road plus environmental compliance and staffing and human capital requirements.



Other Critical TI Requirements

(b) (5)



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Current Tactical Infrastructure Unfunded Requirements

(b) (5), (b) (7)(E)



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(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Friday, April 14, 2017 11:05 AM
To: (b) (6), (b) (7)(C)
Subject: FW: Center for Biological Diversity, et al. v. Kelly, et al. (D. AZ)
Attachments: Center for Biological Diversity v Kelly (AZ 04 12 2017).pdf

Importance: High


FYI

From: (b) (6), (b) (7)(C)
Sent: Friday, April 14, 2017 3:27 AM
To: (b) (6), (b) (7)(C)
Subject: Center for Biological Diversity, et al. v. Kelly, et al. (D. AZ)
Importance: High

(b) (6), (b) (7)(C)


(b) (5)

(b) (5)



(b)(6);(b)(7)(C)

Senior Attorney
Office of Assistant Chief Counsel, Indianapolis
Customs and Border Protection
ph (b) (6), (b) (7)(C)



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(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Friday, April 14, 2017 11:04 AM
To: (b) (6), (b) (7)(C)
Subject: RE: Center for Biological Diversity, et al. v. Kelly (D. AZ)

Nice that they named the commissioner and secretary directly. I will forward an email I just got this morning from (b) (6), (b) (7)(C) and (b) (6), (b) (7)(C) on this. It provides their perspective.

From: (b) (6), (b) (7)(C)
Sent: Friday, April 14, 2017 10:44 AM
To: (b) (6), (b) (7)(C)
Subject: FW: Center for Biological Diversity, et al. v. Kelly (D. AZ)

FYSA...

More info on this...

(b) (6), (b) (7)(C)
Environmental Protection Specialist
Border Patrol & Air and Marine Program Management Office
U.S. Customs and Border Protection
Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Friday, April 14, 2017 10:40 AM
To: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)
Subject: Center for Biological Diversity, et al. v. Kelly (D. AZ)
Importance: High

FYI

From: (b) (6), (b) (7)(C)
Sent: Friday, April 14, 2017 10:13 AM
To: CHAVEZ, FELIX (b)(6);(b)(7)(C)
(b)(6);(b)(7)(C)
(b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

Subject: Center for Biological Diversity, et al. v. Kelly (D. AZ)

Importance: High

(b) (5)

(b) (5)

Associate Chief Counsel
Office of Associate Chief Counsel
Customs and Border Protection
4742 N. Oracle Road, Suite 111
Tucson, AZ 85705

(b) (6), (b) (7)(C) (voice)

(b) (6), (b) (7)(C) (facsimile)

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~~CIRCULATION RESTRICTED~~

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From: (b) (6), (b) (7)(C)

Sent: Friday, April 14, 2017 8:20 AM

To: (b) (6), (b) (7)(C)

Subject: FW: Center for Biological Diversity, et al. v. Kelly (D. AZ)

Importance: High

(b) (6), (b) (7)(C) ,

(b) (5), (b)(6);(b)(7)(C)

(b) (6), (b) (7)(C)

Chief Counsel
U.S. Customs and Border Protection

(b) (6), (b) (7)(C) (Office)
(b) (6), (b) (7)(C) (Mobile)
(b) (6), (b) (7)(C) (Fax)

~~ATTORNEY-CLIENT PRIVILEGED/ATTORNEY WORK PRODUCT~~

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From: (b) (6), (b) (7)(C)

Sent: Thursday, April 13, 2017 4:03 PM

To: (b) (6)

Cc: (b) (6)

(b) (6), (b) (7)(C)

Subject: Center for Biological Diversity, et al. v. Kelly (D. AZ)

Importance: High

(b) (6),
(b) (7)(C),

(b) (5)

(b) (5)

Best, [REDACTED]

(b) (5)

[REDACTED]

Chief Counsel

U.S. Customs and Border Protection

(b) (6), (b) (7)(C) (Office)

(b) (6), (b) (7)(C) (Mobile)

(b) (6), (b) (7)(C) (Fax)

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(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Friday, April 14, 2017 10:44 AM
To: (b) (6), (b) (7)(C)
Subject: FW: Center for Biological Diversity, et al. v. Kelly (D. AZ)
Attachments: Center for Biological Diversity v Kelly (AZ 04 12 2017).pdf

[FYSA...](#)

[More info on this...](#)

(b) (6), (b) (7)(C)

Environmental Protection Specialist
Border Patrol & Air and Marine Program Management Office
U.S. Customs and Border Protection
Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Friday, April 14, 2017 10:40 AM
To: (b) (6), (b) (7)(C)

Subject: Center for Biological Diversity, et al. v. Kelly (D. AZ)
Importance: High

[FYI](#)

From: (b) (6), (b) (7)(C)
Sent: Friday, April 14, 2017 10:13 AM
To: CHAVEZ, FELIX

(b)(6);(b)(7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: Center for Biological Diversity, et al. v. Kelly (D. AZ)
Importance: High

(b) (5), (b)(6);(b)(7)(C)

(b) (6), (b) (7)(C)

Associate Chief Counsel
Office of Associate Chief Counsel
Customs and Border Protection
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Subject: FW: Center for Biological Diversity, et al. v. Kelly (D. AZ)

Importance: High

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17 **IN THE UNITED STATES DISTRICT COURT**
18 **FOR THE DISTRICT OF ARIZONA**
19 **TUCSON DIVISION**

20 Center for Biological Diversity, a non-
21 profit organization; and U.S.
22 Representative Raúl Grijalva, an
23 individual,

24 Plaintiffs,

25 v.

26 John F. Kelly, in his official capacity
27 as Secretary of Homeland Security;
28 U.S. Department of Homeland
Security; Kevin K. McAleenan, in his
official capacity as Acting
Commissioner, U.S. Customs and
Border Protection; and U.S. Customs
and Border Protection,

Defendants.

CASE NO.

**COMPLAINT FOR DECLARATORY
AND INJUNCTIVE RELIEF**

I. INTRODUCTION

1
2 1. In this action for declaratory and injunctive relief, Plaintiffs Center for
3 Biological Diversity and Congressman Raúl Grijalva challenge the failure of John Kelly,
4 Secretary of the Department of Homeland Security (“DHS”), DHS, its component
5 agency U.S. Customs and Border Protection (“CBP”), and Acting CBP Commissioner
6 Kevin K. McAleenan (collectively “Defendants” or “DHS”) to supplement their
7 environmental analysis of their southern border enforcement program, as required by the
8 National Environmental Policy Act (“NEPA”), 42 U.S.C. § 4321 *et seq.*

9 2. NEPA requires that an environmental impact statement (“EIS”) “shall” be
10 supplemented when the “agency makes substantial changes in the proposed action that
11 are relevant to environmental concerns” *or* “[t]here are significant new circumstances or
12 information relevant to environmental concerns and bearing on the proposed action or its
13 impacts.” 40 C.F.R. § 1502.9(c)(1)(i)-(ii)(emphasis added). Defendants have not
14 updated their programmatic environmental analysis for the southern border enforcement
15 program since late 2001, more than 15 years ago, despite the clear presence of the
16 regulatory factors compelling the preparation of supplemental environmental analysis.

17 3. On January 25, 2017, President Donald J. Trump issued an Executive
18 Order on “Border Security and Immigration Enforcement Improvements” (“Border
19 Security E.O.”¹), announcing the creation of a “secure, contiguous, and impassable
20 physical barrier” along the entirety of the nearly 2,000 mile long U.S.-Mexico border, in
21 order “to prevent illegal immigration, drug and human trafficking, and acts of
22 terrorism.” Since that time, DHS Secretary John Kelly issued a February 17, 2017
23 memorandum directing specific actions to implement the Border Security E.O. (“Kelly
24 implementing memorandum”), and on March 17, 2017, DHS issued two Requests for
25

26 ¹ Plaintiffs note that the January 25, 2017 E.O. addressed numerous immigration
27 enforcement initiatives not directly related to border security. Plaintiffs’ captioning of
28 the E.O. as the “Border Security E.O.” is not intended to minimize the importance of
those other provisions, but to focus on the border security aspects of the E.O. that are
relevant to this case.

1 Proposals (“RFP”)—one for a “Solid Concrete Border Wall Prototype” and the second
2 for “Other Border Wall Prototype.”

3 4. The Trump administration’s rapid mobilization to undertake border wall
4 construction itself would have environmental impacts far larger in scope, extent, and
5 intensity than considered in the previous programmatic environmental analysis. The
6 looming specter of border wall construction, however, is just one example of the
7 substantial changes that have been made to the border enforcement program since the
8 last programmatic analysis in 2001.

9 5. In a 1994 programmatic environmental impact statement (“1994 PEIS”)
10 and 2001 supplement to that programmatic environmental impact statement (“2001
11 SPEIS”), the former Immigration and Naturalization Service (“INS”) analyzed the
12 environmental impact of its “strategy for enforcement activities within a 50-mile
13 corridor along the U.S./Mexico border,” in order to allow INS to “gain and maintain
14 control of the southwest border area” through “the prevention, deterrence, and detection
15 of illegal activities.”

16 6. The 1994 PEIS and 2001 SPEIS evaluated three primary categories of
17 border enforcement activities with environmental impacts: operations, engineering, and
18 technological. Operational activities encompass a wide variety of CBP activities,
19 including the deployment and stationing of agents, CBP ground patrols, including
20 patrols by sport utility vehicles and other all-terrain vehicles, and CBP air patrols,
21 including patrols by fixed winged aircraft and helicopter. Engineering activities, often
22 undertaken in cooperation with agencies within Department of Defense, include large
23 infrastructure projects such as border fences and walls, road construction and
24 reconstruction, base camps and other facilities, and other buildings, as well as
25 installation of high-intensity stadium lighting, checkpoints, and other portable measures.
26 Technological activities with environmental impacts include the installation of training
27 ground sensors and remote video surveillance systems.

28 7. Since approval of the 2001 SPEIS, the southern border enforcement

1 program has expanded and changed far more rapidly than at any other time in the
2 nation's history. These changes to the southern border enforcement program are
3 "substantial," and are resulting in environmental impacts that were not adequately
4 considered or foreseen in the last supplemental environmental analysis of U.S.-Mexico
5 border enforcement activities in 2001.

6 8. In the wake of the September 11, 2001 terrorist attacks, DHS was created
7 and took over the border enforcement responsibilities of the former INS, and Congress
8 provided DHS with significantly increased appropriations and aggressive mandates to
9 secure the southern border. In response, DHS through CBP has deployed thousands of
10 new enforcement agents, increased off-road vehicle patrols, constructed or reconstructed
11 thousands of miles of roads, erected hundreds of miles of border walls and fencing, and
12 installed stadium lighting, radio towers, and remote sensors, among other actions, with
13 environmental impacts far beyond those projected and analyzed in the 1994 PEIS and
14 2001 SPEIS. This intensification and expansion of border enforcement activities has
15 resulted in impacts to large expanses of federal lands including National Parks, National
16 Forests, National Conservation Areas, and Wilderness Areas, state and local protected
17 areas and parks, international biosphere reserves, rare habitat including wetlands and
18 desert streams and rivers, and numerous threatened and endangered species including
19 desert bighorn sheep and jaguars.

20 9. In addition to the substantial changes in the DHS southern border
21 enforcement program since the last supplemental environmental analysis conducted in
22 2001, several examples of "significant new circumstances or information" have arisen
23 that are relevant to the environmental impacts of the action and that require updated
24 environmental analysis.

25 10. These new circumstances or information include, but are not limited to: a)
26 greatly improved scientific understanding of the conservation needs of borderland
27 wildlife species, and the impacts of the DHS southern border enforcement program on
28 those needs; b) new information regarding imperiled species in the borderlands,

including new and improved information regarding the presence and extent of those species, and the designation of final critical habitat within 50 miles of the U.S.-Mexico border under the Endangered Species Act (“ESA”), 16 U.S.C. § 1531 *et seq.* for 27 threatened or endangered species; and c) former DHS Secretary Michael Chertoff’s use of authority under the REAL ID Act, 8 U.S.C. § 1103 *note*, on five occasions to waive more than 35 laws, including NEPA, that otherwise would have applied to approximately 550 miles of border wall, fencing, and road construction along the southern border.

11. Despite the passage of 16 years, the border wall construction and other border security intensification measures proposed by the Trump administration, the significant changes in the border enforcement program, and the changed circumstances and other new information, DHS has failed to prepare a new supplement to its programmatic analysis, or to prepare a new programmatic analysis, in violation of NEPA.

II. JURISDICTION

12. This Court has jurisdiction over this action pursuant to 28 U.S.C. §§ 1331 and 1346 and 5 U.S.C. §§ 701 to 706. This cause of action arises under the laws of the United States, including NEPA and the Administrative Procedure Act (“APA”), and the implementing regulations established pursuant to these federal statutes. The relief requested is authorized pursuant to 28 U.S.C. §§ 1651 and 2201 to 2202, and 5 U.S.C. §§ 705 and 706. An actual and present controversy exists between the parties within the meaning of the Declaratory Judgment Act, 28 U.S.C. § 2201.

III. VENUE

13. Venue is proper in this judicial district pursuant to 28 U.S.C. § 1391(b) and (e). Plaintiffs Center for Biological Diversity and Raúl Grijalva reside in this judicial district. A substantial part of the events or omission giving rise to the claims has occurred in this district due to decisions made by Defendants, and failure to act by Defendants.

IV. PARTIES

A. Plaintiffs

14. Plaintiff Center for Biological Diversity is a non-profit environmental organization dedicated to the protection of native species and their habitats through science, policy, and environmental law. The Center has more than 1.1 million members and on-line activists. The Center is headquartered in Tucson, Arizona.

15. The Center's members and staff live in or regularly visit the U.S.-Mexico borderlands region. The Center's Tucson headquarters are located just north of the 50-mile border region, defined as the NEPA "action area" in the 1994 PEIS and 2001 SPEIS, and in which DHS and CBP typically focus their border enforcement program. The Center's members and staff regularly use the myriad federal, state, and local protected lands along the U.S.-Mexico border for hiking, camping, viewing and studying wildlife, photography, and other vocational and recreational activities. The Center's members and staff derive recreational, spiritual, professional, scientific, educational, and aesthetic benefit from their activities in these areas. Many Center members live within the 50 mile border region "action area" directly impacted by DHS and CBP daily operations. The Center's members and staff have specific intentions to continue to use and enjoy these areas frequently and on an ongoing basis in the future.

16. The Center has a long history of environmental advocacy within the borderlands region generally, and in relation to border security enforcement in particular. The Center commented on and participated in the previous SPEIS process that culminated in 2001, and regularly comments on federal actions impacting the borderlands region, including those occasions when DHS has conducted NEPA for individual border security enforcement projects. In its comments over the course of nearly two decades, the Center has consistently critiqued the absence of an adequate environmental analysis of the border security enforcement program, particularly on imperiled wildlife species that depend upon habitat in both the United States and Mexico.

1 17. Plaintiff Congressman Raúl Grijalva has been a member of the U.S. House
2 of Representatives since 2002, and is currently the Ranking Member of the House
3 Committee on Natural Resources. Since his election to Congress, Mr. Grijalva has made
4 the environment among his top policy concerns. Mr. Grijalva is the co-chair of the
5 Progressive Caucus and the National Landscape Conservation System Caucus. Mr.
6 Grijalva brings this suit in his professional and personal capacity.

7 18. Mr. Grijalva was born, raised and currently lives in Tucson, Arizona. His
8 father emigrated from Mexico in 1945 as a bracero, a laborer brought in by employers
9 with the approval of the U.S. government to help mitigate the loss of skilled laborers,
10 including ranch hands, serving in World War II.

11 19. Mr. Grijalva has dedicated himself to public service for more than 40
12 years. Beginning his public career as a community organizer, he previously served on
13 the Tucson Unified School District Governing Board, where he was the first Latino
14 elected to the board in more than a century, and the Pima County Board of Supervisors,
15 where he served from 1989 to his election to Congress in 2002.

16 20. Since his election to Congress, Raúl has been one of the legislature's
17 staunchest environmental champions. Mr. Grijalva's efforts have included opposing
18 waivers from compliance with NEPA and other environmental protections.

19 21. Mr. Grijalva has led Congress' efforts to preserve and enhance
20 environmental protections in relation to border security efforts and the DHS U.S.-
21 Mexico border enforcement program. In June 2007, Mr. Grijalva introduced the
22 Borderlands Conservation and Security Act, which would repeal the waiver provision in
23 the REAL ID Act and provide funds for borderlands wildlife management.

24 22. As the Ranking Member of the House Natural Resources Committee,
25 which has primary jurisdiction and oversight authority over NEPA, the ESA, wildlife,
26 and federal public lands, Mr. Grijalva is the leading Democrat in the House of
27 Representative on these issues.

28 23. In addition to his professional interests in protection of the environment,

1 wildlife and communities in the U.S.-Mexico borderlands region, Mr. Grijalva has
2 strong personal interests in these areas. Mr. Grijalva regularly visits lands along the
3 U.S.-Mexico border and derives recreational, spiritual, professional, scientific,
4 educational, and aesthetic benefit from his activities in these areas. Mr. Grijalva has
5 specific intentions to continue to use and enjoy these areas frequently and on an ongoing
6 basis in the future.

7 24. The above-described aesthetic, recreational, professional, and other
8 interests of the Center and its members, and of Mr. Grijalva, have been, are being, and
9 will continue to be adversely harmed by Defendants' ongoing failure to supplement the
10 programmatic environmental impact statement for its U.S.-Mexico border enforcement
11 program, as required by NEPA.

12 25. Border security enforcement activities undertaken as part of the DHS
13 southern border enforcement program negatively impact specific areas in the U.S.-
14 Mexico borderlands, threatening wildlife habitat and other environmental resources,
15 harming the Center and its members' interests and Mr. Grijalva's interests. These
16 activities include but are not limited to: road construction, reconstruction and
17 maintenance; border fence construction, reconstruction, and maintenance; installation,
18 operation, and maintenance of high-intensity stadium lighting and other lighting sources;
19 deployment and/or construction of tactical infrastructure, including forward operating
20 bases; use of all-terrain vehicles, motorcycles, off road, and other vehicles to conduct
21 patrols; deployment of thousands of CBP agents; and use of fixed wing aircraft,
22 helicopters, drones, and other aircraft. Such activities by Defendants individually and
23 cumulatively alter the environment in the borderlands, through construction, noise and
24 light impacts, reduction and restriction of wildlife access to habitat, temporary and
25 permanent alteration of the environment, and disturbance and displacement of wildlife.

26 26. Defendants' actions have harmed and will continue to harm the wildlife
27 populations and individual animals that the Center and its members, and Mr. Grijalva,
28 appreciate and/or study and consequently will reduce their ability to view and/or study

1 wildlife in the borderlands area. Defendants' actions have degraded the wilderness
2 quality, habitat quality, and aesthetics of the area, and consequently have and will
3 continue to degrade Plaintiffs' and their members' recreational, scientific, and aesthetic
4 experience and enjoyment of the region.

5 27. Plaintiffs' injuries are directly traceable to Defendants' actions and failures
6 to act. The activities resulting in harm to the environment and consequently to
7 Plaintiffs' interests are either directly carried out by and/or under the control of
8 Defendants, and/or are the foreseeable consequences of Defendants' actions. Defendants
9 have authority to mitigate or require mitigation of the program's environmental impacts,
10 as well as to implement alternative courses of action that would avoid or minimize many
11 of the environmental impacts of the program. Were Defendants directed to complete the
12 required supplemental NEPA analysis, they might require additional environmental
13 mitigation of the program's impacts or adopt alternatives that would minimize or avoid
14 such impacts in the first place. Implementation of additional environmental mitigation
15 and avoidance measures would lessen and thus redress Plaintiffs' and their members'
16 injuries associated with the program.

17 28. Defendants' failure to comply with NEPA by preparing a supplemental
18 PEIS addressing cumulative environmental impacts also causes Plaintiffs and their
19 members' procedural and informational injuries. The Center, its members, and Mr.
20 Grijalva have and will continue to advocate regarding the program and its environmental
21 impacts, seek to discuss the program with relevant decisionmakers to encourage
22 consideration of alternatives that would avoid, minimize or mitigate environmental
23 harm, and provide information to the public and the media regarding the program and its
24 impacts on the sensitive environmental resources of the borderlands. If Defendants had
25 complied with NEPA by supplementing the PEIS for the southern border enforcement
26 program, the process would have generated additional information on the program's
27 impacts to the species, wildlands and other environmental resources in which they have
28 an interest. Plaintiffs and their members, and Mr. Grijalva in his professional capacity,

1 would have access to this information and be better informed about the program and its
2 impacts, improving their ability to participate in decisionmaking and to suggest potential
3 mitigation. If Defendants are required to prepare a supplement NEPA analysis of the
4 southern border enforcement program, these informational and procedural injuries would
5 be redressed.

6 29. Plaintiffs and their members have no adequate remedy at law and the
7 requested relief is proper. Relief in this case would ensure supplemental programmatic
8 review of the U.S.-Mexico border security enforcement program that would inform the
9 public and decisionmakers about the environmental impacts of these practices, and
10 would provide a statutorily-mandated opportunity for public participation in the
11 decisionmaking process. Such a process could result in Defendants adopting alternatives
12 or other measures that would avoid, minimize, or mitigate some or all of Plaintiffs'
13 injuries. Consequently, a declaratory order directing Defendants to prepare such
14 supplemental programmatic environmental analysis in compliance with NEPA would
15 redress the injuries of Plaintiffs and their members.

16 **B. Defendants**

17 30. Defendant John F. Kelly is the Secretary of the Department of Homeland
18 Security, and is sued in his official capacity. Mr. Kelly is the official ultimately
19 responsible under federal law for ensuring that the actions and management decisions of
20 DHS comply with all applicable laws and regulations, including NEPA.

21 31. Defendant Department of Homeland Security is a United States agency
22 within the executive branch. DHS is responsible for ensuring border security along the
23 U.S.-Mexico border in accordance with applicable legal requirements including NEPA.

24 32. Defendant Kevin K. McAleenan is the Acting Commissioner of U.S.
25 Customs and Border Protection, and is sued in his official capacity.

26 33. Defendant U.S. Customs and Border Protection is a federal agency within
27 DHS. CBP became the nation's comprehensive border security agency in March 2013,
28 incorporating U.S. Customs Service, U.S. Border Patrol, and other offices and agencies.

V. LEGAL BACKGROUND

A. NEPA

34. NEPA is the “basic national charter for protection of the environment.” 40 C.F.R. § 1500.1(a). It was enacted with the ambitious objectives of “encouraging productive and enjoyable harmony between man and his environment . . . promoting efforts which will prevent or eliminate damage to the environment and biosphere and stimulating the health and welfare of man; and enriching the understanding of the ecological systems and natural resources important to the Nation” 42 U.S.C. § 4321.

35. In order to achieve these goals, NEPA contains several “action forcing” procedures, most significantly the mandate to prepare an environmental impact statement on major Federal actions “significantly affecting the quality of the human environment.” *Robertson v. Methow Valley Citizen Council*, 490 U.S. 332, 348 (1989); 42 U.S.C. § 4332 (2)(C).

36. The Supreme Court has found that the preparation of an EIS promotes NEPA’s broad environmental objectives in two primary ways: “It ensures that the agency, in reaching its decision, will have available, and will carefully consider, detailed information concerning significant environmental impacts; it also guarantees that the relevant information will be made available to the larger audience that may also play a role in both the decisionmaking process and the implementation of that decision.” *Methow Valley Citizens Council*, 490 U.S. at 349.

37. The Council on Environmental Quality (“CEQ”) was created to administer NEPA and has promulgated NEPA regulations, which are binding on all federal agencies. *See* 42 U.S.C. §§ 4342, 4344; 40 C.F.R. §§ 1500–1508.

38. The scope of NEPA is quite broad, mandating disclosure and consideration of direct, indirect, and cumulative environmental effects. 40 C.F.R. §§ 1502.16, 1508.7, 1508.8, 1508.27(b)(7).

39. Direct effects are caused by the action and occur at the same time and

1 place as the proposed project. 40 C.F.R. § 1508.8(a). Indirect effects are caused by the
2 action and are later in time or farther removed in distances, but are still reasonably
3 foreseeable. *Id.* § 1508.8(b). These effects include “ecological (such as the effects on
4 natural resources and on the components, structures, and functioning of affected
5 ecosystems), aesthetic, historic, cultural, economic, social, or health, whether direct,
6 indirect, or cumulative.” *Id.* § 1508.8.

7 40. A cumulative impact is defined as: “the impact on the environment which
8 results from the incremental impact of the action when added to other past, present, and
9 reasonably foreseeable future actions regardless of which agency (Federal or non-
10 Federal) or person undertakes such other actions. Cumulative impacts can result from
11 individually minor but collectively significant actions taking place over a period of
12 time.” *Id.* § 1508.7.

13 41. NEPA’s CEQ implementing regulations recognize that in addition to site-
14 specific projects, the types of ‘major Federal action’ subject to NEPA’s analysis
15 requirements include:

16
17 Adoption of formal plans, such as official documents prepared or approved
18 by federal agencies which guide or prescribe alternative uses of federal
19 resources, upon which future agency actions will be based . . . and adoption
20 of programs, such as a group of concerted actions to implement a specific
21 policy or plan; [and] systematic and connected agency decisions allocating
agency resources to implement a specific statutory program or executive
directive.

22 *Id.* § 1508.18(b)(2)-(3); *see also id.* § 1502.4(b)(“Environmental impact statements may
23 be prepared, and are sometimes required, for broad Federal actions such as the adoption
24 of new agency programs . . . Agencies shall prepare statements on broad actions so that
25 they are relevant to policy and are timed to coincide with meaningful points in agency
26 planning and decisionmaking”).

27 42. A program EIS “provides an occasion for a more exhaustive consideration
28 of effects and alternatives than would be practicable in a statement on an individual

1 action. It ensures consideration of cumulative impacts that might be slighted in a case-
2 by-case analysis. And it avoids duplicative reconsideration of basic policy questions.”
3 *CEQ Memorandum to Federal Agencies on Procedures for Environmental Impact*
4 *Statements*. 2 ELR 46162 (May 16, 1972).

5 43. The Supreme Court has recognized the need for national programmatic
6 environmental analysis under NEPA where a program “is a coherent plan of national
7 scope, and its adoption surely has significant environmental consequences.” *Kleppe v.*
8 *Sierra Club*, 427 U.S. 390, 400 (1976).

9 44. Programmatic direction can often help “determine the scope of future site-
10 specific proposals.” *Laub v. U.S. Dep’t of Interior*, 342 F.3d 1080, 1089 (9th Cir. 2003).
11 CEQ regulations define this practice as “tiering.” 40 C.F.R. § 1502.20 (“Whenever a
12 broad environmental impact statement has been prepared . . . and a subsequent
13 statement or environmental assessment is then prepared on an action included within the
14 . . . program or policy (such as a site specific action) the subsequent statement or
15 environmental assessment need only summarize the issues discussed in the broader
16 statement and incorporate discussions from the broader statement by reference and shall
17 concentrate on the issues specific to the subsequent action”).

18 45. NEPA requires that an EIS, including a programmatic EIS, “shall” be
19 supplemented when the “agency makes substantial changes in the proposed action” *or*
20 “significant new circumstances or information” arises that is relevant to the
21 environmental impacts of the action. 40 C.F.R. § 1502.9(c)(1)(i)-(ii) (emphasis added).

22 46. CEQ’s “40 questions” direct that “[a]s a rule of thumb . . . if the EIS
23 concerns an ongoing program, EISs that are more than 5 years old should be carefully
24 reexamined to determine if the criteria in Section 1502.9 compel preparation of an EIS
25 supplement.” *CEQ Memorandum to Agencies: Forty Most Asked Questions Concerning*
26 *CEQ’s NEPA Regulations*, 46 Fed. Reg. 18,026 (March 23, 1981) (Question 32).

27 47. As the Ninth Circuit has stressed in the context of supplemental EISs,
28 “[c]ompliance with NEPA is a primary duty of every federal agency; fulfillment of this

1 vital responsibility should not depend on the vigilance and limited resources of
2 environmental plaintiffs.” *Friends of the Clearwater v. Dombeck*, 222 F.3d 552, 558-59
3 (9th Cir. 2000) (*quoting City of Davis v. Coleman*, 521 F.2d 661, 667 (9th Cir. 1975)
4 (holding that fact that plaintiffs did not specifically “identify this new information as the
5 basis for their demands until after they sued the Forest Service did not excuse the Forest
6 Service from earlier assessing the need for an SEIS.”)

7 48. Agencies are required to apply a “rule of reason” to the decision whether
8 or not to prepare a supplemental EIS. *Marsh v. Oregon Natural Resources Council*, 490
9 U.S. 360, 373-74 (1989). Underlying all of NEPA’s procedural requirements is the
10 mandate that agencies take a ‘hard look’ at all of the environmental impacts and risks of
11 a proposed action. As stated by the Ninth Circuit, “general statements about ‘possible
12 effects’ and some risk’ do not constitute a ‘hard look’ absent a justification regarding
13 why more definitive information could not be provided.” *Blue Mountains Biodiversity*
14 *Project v. Blackwood*, 161 F.3d 1208, 1213 (9th Cir. 1998) (internal citations omitted).

15 **B. Endangered Species Act**

16 49. The ESA, 16 U.S.C. §§ 1531–1544, is “the most comprehensive
17 legislation for the preservation of endangered species ever enacted by any nation.” *TVA*
18 *v. Hill*, 437 U.S. 180 (1978). Its fundamental purposes are “to provide a means whereby
19 the ecosystems upon which endangered species and threatened species depend may be
20 conserved [and] to provide a program for the conservation of such endangered species
21 and threatened species” 16 U.S.C. § 1531(b).

22 50. To achieve these objectives, the ESA directs the Secretary of the Interior,
23 through the U.S. Fish and Wildlife Service (“FWS”), to determine which species of
24 plants and animals are “threatened” and “endangered” and place them on the list of
25 protected species. *Id.* § 1533. An “endangered” or “threatened” species is one “in
26 danger of extinction throughout all or a significant portion of its range,” or “likely to
27 become endangered in the near future throughout all or a significant portion of its
28 range,” respectively. *Id.* § 1532(6), (20).

1 51. Once a species is listed, the ESA provides a variety of procedural and
2 substantive protections to ensure not only the species' continued survival, but its
3 ultimate recovery, including the designation of critical habitat, the preparation and
4 implementation of recovery plans, the prohibition against the "taking" of listed species,
5 and the requirement for interagency consultation. *Id.* §§ 1533(a)(3), (f), 1538, 1536.

6 52. The ESA recognizes that federal agencies, such as DHS and CBP, have a
7 critical role to play in meeting these statutory purposes. The ESA establishes that it is
8 "the policy of Congress that all Federal departments and agencies shall seek to conserve
9 endangered species and threatened species and shall utilize their authorities in
10 furtherance of the purposes" of the ESA. *Id.* § 1531(c)(1).

11 53. To implement this policy, Section 7(a) of the ESA requires that "Federal
12 agencies shall, in consultation with and with the assistance of [FWS], utilize their
13 authorities in furtherance of the purposes of this Act by carrying out programs for the
14 conservation of endangered species and threatened species." *Id.* § 1536(a)(1).

15 54. In addition to this programmatic mandate, the ESA requires that "[e]ach
16 Federal agency shall, in consultation with . . . [FWS], insure that *any action* authorized,
17 funded, or carried out by such agency . . . is not likely to jeopardize the continued
18 existence of any endangered species or threatened species or result in the destruction or
19 adverse modification of [critical habitat]." *Id.* § 1536(a)(2) (emphasis added).

20 55. FWS' regulations define an agency "action" to mean "all activities *or*
21 *programs* of any kind authorized, funded, or carried out, in whole or in part, by Federal
22 agencies." 50 C.F.R. § 402.02 (emphasis added).

23 56. Section 7(a)(2) contains both procedural and substantive mandates.
24 Substantively, it requires that all federal agencies avoid actions that: (1) jeopardize listed
25 species; or (2) destroy or adversely modify designated critical habitat. Procedurally, to
26 ensure compliance with the substantive standards, the federal agency taking action and
27 FWS take part in a cooperative analysis of potential impacts to listed species and their
28 designated critical habitat known as the consultation process. 16 U.S.C. § 1536(a)(2).

1 The consultation process has been described as the “heart of the ESA.” *Western*
2 *Watersheds Project v. Kraayenbrink*, 632 F.3d 472, 495 (9th Cir. 2011).

3 57. Through the formal Section 7 consultation process, FWS prepares a
4 “biological opinion” as to whether the action is likely to jeopardize the species or
5 destroy or adversely modify critical habitat and, if so, suggests “reasonable and prudent
6 alternatives” to avoid that result. 16 U.S.C. § 1536(b)(3)(A). During the consultation
7 process, both agencies must “use the best scientific and commercial data available.” *Id.*
8 § 1536(a)(2); 50 CFR § 402.14(d).

9 58. Reinitiation of Section 7 consultation is required if new information
10 reveals effects of the action that may affect listed species or critical habitat in a manner
11 or to an extent not previously considered, or if a new species is listed or critical habitat is
12 designated that may be affected by the identified action. 50 C.F.R. § 402.16(b) and (d).

13 **C. Administrative Procedure Act**

14 59. The Administrative Procedure Act (“APA”) provides for judicial review of
15 “final agency action for which there is no other adequate remedy.” 5 U.S.C. § 704.
16 Agency action is defined to include “the whole or a part of an agency rule, order,
17 license, sanction, relief, or the equivalent or denial thereof, or failure to act.” *Id.* §
18 551(13). The APA requires that courts “hold unlawful and set aside agency action,
19 findings, and conclusions” that are “arbitrary, capricious, an abuse of discretion, or
20 otherwise not in accordance with law,” or “without observance of procedure required by
21 law.” *Id.* §§ 706(2)(A), (D).

22 60. In reviewing a challenge to an agency’s failure to act, the APA directs that
23 the court “shall compel agency action unlawfully withheld or unreasonably delayed.”
24 *Id.* § 706(1).

VI. STATEMENT OF FACTS

A. Increased Border Enforcement and Prior Programmatic Environmental Impact Statements

i. The 1986 Immigration and Control Act and Initiation of the Southern Border Enforcement Program

61. The Immigration Reform and Control Act of 1986 (“IRCA”, Pub. Law 99-603, codified as 8 U.S.C. § 1101 *note*) was the first Congressional enactment to describe border enforcement as an “essential element” of immigration control. *See* Sec. 111(a) (expressing the sense of Congress that “an increase in the border patrol and other inspection and enforcement activities . . . in order to prevent and deter the illegal entry into the United States” was one of “two essential elements of the program of immigration control established by the Act”). Towards this end, IRCA authorized significantly increased appropriations to U.S. Border Patrol (“USBP”) (now part of CBP), allowing for a 50% increase to USBP agent numbers. Sec. 111(b).

62. IRCA failed to slow levels of undocumented immigration, and in 1994 USBP issued its “prevention through deterrence” strategy and programmatic southern border enforcement plan. *See Border Patrol Strategic Plan: 1994 and Beyond*. This coherent national plan, which persists today, represented the first time in its 70 year history that USBP developed a border control strategy.

63. As part of the development and implementation of the southern border enforcement program, INS and USBP increased collaboration with the military. Most notably, Joint Task Force Six (“JTF-6”), an agency of the Department of Defense (“DOD”), was activated in November 1989. Now called Joint Task Force North (“JTF-N”), its stated mission is “to plan and coordinate military training along the U.S. Southwest Land Border in support of counter-drug activities.” 59 Fed. Reg. 26,322 (May 19, 1994). To this end, JTF-N provides “operational, engineering, and general support” to law enforcement agencies including USBP. JTF-N has provided extensive operational, engineering, construction, and other mission support to DHS border security

1 efforts.

2 **ii. 1994 Programmatic Environmental Impact Statement for INS and**
3 **Joint Task Force Six Prevention through Deterrence Program**

4 64. Recognizing that the intensification and expansion of border enforcement
5 efforts under the USBP southern border enforcement program would be implemented
6 through numerous individual federal actions with myriad synergistic and cumulative
7 environmental impacts throughout the U.S.-Mexico border region, the Department of
8 Justice (under which INS and USBP were housed) issued a notice of intent to prepare a
9 programmatic environmental impact statement on July 15, 1993 (58 Fed. Reg. 38,140).

10 65. A draft programmatic environmental impact statement addressing border
11 enforcement efforts was subsequently released on May 19, 1994. *Notice of Availability*
12 *of the Draft Programmatic Environmental Impact Statement (DPEIS): Draft*
13 *Programmatic Environmental Impact Statement to Continue the Program of Protecting*
14 *the Southwest Border Through the Interdiction of Illegal Drugs With the Support of the*
15 *Joint Task Force Six.* 59 Fed. Reg. 26,322 (May 19, 1994).

16 66. Department of Justice served as the lead agency for the 1994 PEIS. DOD,
17 parent agency of JTF-6, served as a cooperating agency, since at that time “the Border
18 Patrol [was] the primary beneficiary of most JTF-6 engineering,” including roads and
19 radio towers.

20 67. The stated purpose of the PEIS was “to address cumulative environmental
21 impacts of previous actions as well as those actions which may be developed within the
22 reasonably foreseeable future.” 59 Fed. Reg. 26,322.

23 68. DOJ specifically based the life span of the PEIS on the “reasonably
24 foreseeable future” five-year time frame it chose for the analysis, from 1994 to 1999.

25 69. The 1994 PEIS estimated that from the beginning of the southern border
26 enforcement program through the end of its five year analysis period in 1999, a total
27 approximately 3,700 acres of wildlife habitat would be negatively impacted by the
28 government’s southern border enforcement activities.

1 70. On October 5, 1994, DOJ issued its release of the final PEIS. *Notice of*
2 *Availability of the Final Programmatic Environmental Impact Statement (DPEIS): Final*
3 *Programmatic Environmental Impact Statement to Continue the Program of Protecting*
4 *the Southwest Border Through the Interdiction of Illegal Drugs With the Support of the*
5 *Joint Task Force Six*. 59 Fed. Reg. 50,773. On March 9, 1995, INS issued the Record
6 of Decision.

7 **iii. 2001 Supplemental Programmatic Environmental Impact Statement**
8

9 71. In April 1999, DOJ released a draft supplemental EIS to the 1994 PEIS.
10 64 Fed. Reg. 15,969 (April 2, 1999) (weekly EPA notice of EIS availability).
11 *Programmatic EIS—INS and JTF-6. Revised to Address Potential Impacts of Ongoing*
12 *Activities from Brownsville, Texas to San Diego, California* (“SPEIS”). DOJ
13 subsequently issued a revised draft of the SPEIS in September 2000. 65 Fed. Reg.
14 58,527 (Sept. 29, 2000) (weekly EPA notice of EIS availability); 65 Fed. Reg. 63,076
15 (Oct. 20, 2000) (corrected weekly EPA notice of EIS availability).

16 72. Like the 1994 PEIS, DOJ served as the lead agency and DOD served as the
17 cooperating agency for the 2001 SPEIS. The document was prepared, however, by the
18 Fort Worth District of U.S. Army Corps of Engineers. Army Corps, an agency of DOD,
19 is extensively involved in supporting the DHS border security mission, has constructed
20 infrastructure for DHS including border fencing, checkpoints, CBP stations, and other
21 infrastructure, and has served as DHS’s primary contractor for several major border
22 infrastructure projects.

23 73. This supplement was legally required due to the fact that the 1994 PEIS by
24 its own terms only addressed potential actions through 1999. *See* SPEIS at p. 1-1 (“In
25 order to continue to comply with NEPA, INS and JTF-6 prepared this SPEIS addressing
26 the cumulative effects of past (since 1989) and reasonably foreseeable projects
27 undertaken by JTF-6 in support of INS/USBP.”).

28 74. In addition, the supplemental analysis was necessary due to the 1996

1 passage of the Illegal Immigration Reform and Immigrant Responsibility Act
2 (“IIRIRA”, P.L. 104–208, 110 Stat. 3009). The IIRIRA intensified the southern border
3 enforcement program and significantly increased USBP operations, programs, and staff.

4 75. The significant increase in agent numbers and extensive physical
5 infrastructure developments needed to support that staff and the increasingly aggressive
6 border enforcement efforts was predicted to result in environmental impacts which had
7 not been analyzed in the 1994 PEIS.

8 76. Like the 1994 PEIS, the 2001 SPEIS addressed anticipated and potential
9 projects over a five year time frame (*i.e.* from 2001-2005). The SPEIS noted that even
10 though funding was not assured and the difficulty in identifying the specific location,
11 design, and/or schedule for individual projects, the supplemental PEIS was necessary
12 under NEPA. The SPEIS was intended to serve a valuable role by describing the general
13 types of projects and expected environmental impacts, and by using data from past
14 projects to assess the potential impact of future projects and their cumulative effects.

15 77. The SPEIS (Table 2-1) provided quantified estimates of predicted additive
16 infrastructure development with environmental impacts for the 2001-2005 time period,
17 as follows:

18 By number of miles: Road construction or reconstruction (1,951); Drag roads
19 (165); Primary fence (180); Secondary fence (37); Vehicle barriers (111);

20 By number of items: Lights (stadium-style) (4,677); Scopes (61); Cameras/RVS
21 (385); Repeater site (11); Boat ramps (7).

22 78. The 2001 SPEIS identified two “primary areas of controversy,” the first
23 being loss of wildlife habitat. During the 2001-2005 time frame of border enforcement
24 activities considered under the SPEIS, the Army Corps estimated that the anticipated
25 infrastructure development would result in impacts to an additional 6,900 acres of
26 wildlife habitat.

27 79. The anticipated level of anticipated wildlife habitat impacts during the
28 2001-2005 five year period was thus anticipated to be nearly double the 3,700 acres of

1 habitat impacted during the first eleven years (1989-2000) of the southern border
2 enforcement program.

3 80. The SPEIS provided generalized estimates of potential losses to three
4 broad categories of wildlife populations from these anticipated habitat alterations within
5 Chihuahuan desert scrublands and Sonoran desert scrublands ecosystems. Together, the
6 SPEIS estimated individual mortality of lizards (maximum ~ 215,000), birds (maximum
7 ~ 6,000), and small mammals (maximum ~36,000).

8 81. Added to the previous 3,700 acres of wildlife habitat anticipated to be
9 impacted during the first eleven years (1989-2000) of the southern border enforcement
10 program, the SPEIS projected a cumulative total of 10,600 acres of wildlife habitat
11 would be negatively impacted during the first 15 years of intensified border enforcement
12 efforts (1989-2005).

13 82. Most of the anticipated environmental impacts in the 2000-2005 time
14 frame considered by the SPEIS were expected to occur in Texas. For example, Table 2-
15 1 depicts the large majority of proposed road construction (1,267 miles of 1,951 miles
16 total), lighting, cameras/RVs, and boat ramps as being located in Texas, as well as half
17 of proposed primary fencing (90 miles of 180 miles); SPEIS, at p. 2-2 ("The majority of
18 these activities are planned in Texas, as would be expected since it is the largest state
19 within the study area.").

20 83. A large majority of the anticipated 6,900 acres of impacts during the 2000-
21 2005 time frame considered by the SPEIS were expected to result from road
22 construction, primarily in Texas (4,121 acres) and Arizona (1,015 acres). SPEIS, at p. 4-
23 26.

24 84. Future border fencing projects were expected to impact only 225 acres,
25 primarily in Texas (109 acres) and California (109 acres). SPEIS, at p. 4-26.

26 85. In addition to wildlife impacts, the SPEIS also programmatically addressed
27 impacts to soils, water resources, air quality, noise, socioeconomic resources, and
28 cultural resources, and included a separate general cumulative impacts analysis.

1 86. In addressing soil impacts, the SPEIS estimated full implementation of
2 projected USBP operations would result in 6,900 acres of soil disturbance. SPEIS, at p.
3 4-1. This estimate was based on an assumed average road width of 25 feet. The SPEIS
4 noted that compliance with Clean Water Act requirements, 33 U.S.C. § 1251 *et seq.*,
5 through preparation of Stormwater Pollution Prevention Plans (“SWPPP”) and
6 adherence to National Pollutant Discharge Elimination System (“NPDES”) general
7 permits, would require the agency to incorporate erosion control designs into
8 infrastructure construction plans.

9 87. Similarly, in addressing water resource impacts, the SPEIS relied on future
10 compliance with Clean Water Act requirements to reduce the potential of adverse
11 impacts. SPEIS, at p. 4-4 (“Employment of a SWPPP and other erosion control
12 measures . . . would significantly reduce the potential of adverse impacts to water
13 resources through erosion and sedimentation.”).

14 88. In addressing wildlife resource impacts, the SPEIS relied upon site-
15 specific NEPA analysis and ESA Section 7 consultations with FWS to avoid or mitigate
16 effects. SPEIS, at p. 4-14-4-15 (“All NEPA documents . . . are submitted to the USFWS
17 and appropriate state agency(s) for review . . . The assessments not only address
18 potential effects to protected species, but also identify changes in daily operations that
19 would be implemented to avoid or mitigate these effects.”).

20 89. The final SPEIS was issued in July 2001. 66 Fed. Reg. 35,618 (weekly
21 EPA notice of EIS availability).

22 **B. Subsequent NEPA Documents “Tiering” to the 1994 PEIS and 2001 SPEIS**

23 90. DOJ/INS and, after its creation, DHS/CBP have prepared subsequent
24 NEPA environmental analyses that tier to the previous 1994 PEIS and 2001 SPEIS. For
25 example, USBP in 2002 released a draft programmatic EIS for operations specific to the
26 Tucson and Yuma Sectors in Arizona that tiered to the 2001 supplemental PEIS.
27 *Programmatic EIS—Office of Border Patrol Operational Activities within the Border*
28 *Areas of the Tucson and Yuma Sectors, Expansion of Technology-Based Systems,*

1 *Completion and Maintenance of Approved Infrastructure, Cochise, Pima, Santa Cruz*
2 *and Yuma Counties, AZ. (“Arizona draft PEIS”)*

3 91. In the Arizona draft PEIS, USBP estimated that the proposed infrastructure
4 projects (stadium lighting, helipad construction, remote processing facility construction,
5 road construction and improvement, primary fencing, secondary fencing, vehicle
6 barriers, vegetation clearing) would directly impact more than 5,200 acres of wildlife
7 habitat. When proposed operational impacts are also added, the Arizona draft PEIS
8 estimated anticipated impacts to wildlife habitat totaling nearly 7,000 acres.

9 92. The Arizona draft PEIS estimates of impacted wildlife habitat far exceed
10 the 2001 SPEIS estimates, prepared only a year earlier, of impacted acreage from the
11 border enforcement program along the *entire* U.S.-Mexico border during 2000-2005.

12 93. According to the Center’s information and belief, USBP never released a
13 final programmatic EIS or record of decision for the Arizona PEIS.

14 94. In 2007, DHS released an NOI to prepare an EIS for the construction and
15 operation of tactical infrastructure in the USBP Rio Grande Valley Sector in Texas that
16 would tier to the 1994 PEIS and 2001 supplemental PEIS. 72 Fed. Reg. 54,276 (Sept.
17 24, 2007) (“[T]he EIS will analyze the site-specific environmental impacts of the
18 Proposed Action, which were broadly described in [the] two previous programmatic
19 EISs prepared by the former [INS] and [JTF-6], [and] were prepared to address the
20 cumulative effects and past and reasonably foreseeable projects.”). The proposed
21 actions included construction of pedestrian fences, supporting patrol roads, lights, and
22 other infrastructure along approximately 70 miles of the border.

23 95. In 2007, DHS also released an NOI to prepare an EIS for the construction
24 and operation of tactical infrastructure in the USBP San Diego Sector that would tier to
25 the 1994 PEIS and 2001 supplemental PEIS. 72 Fed. Reg. 54,277 (Sept. 24, 2007).
26 The proposed actions included construction of pedestrian fences, vehicle barriers,
27 supporting patrol roads, lights, and other infrastructure along approximately 4 miles of
28 the border.

1 96. In 2008, DHS released a draft EA for the construction, operation, and
2 maintenance of border infrastructure within USBP El Paso Sector that tiered to, among
3 other NEPA analysis, the 2001 SPEIS. The proposed actions included 56.7 miles of
4 primary fencing, 21 miles of permanent lighting, construction of 8 bridges across
5 irrigation canal, and improvement of 2 miles of existing dirt road. The EA specifically
6 tiered to the prior cumulative effects analysis in the 2001 SPEIS to conclude that “minor
7 [unspecified] cumulative effects would occur due to construction of all USBP projects.”

8 97. In September 2011, DHS released a final EA and Finding of No
9 Significant Impact for a proposed forward operating base on a 1-acre site at the western
10 edge of Organ Pipe Cactus National Monument that tiered to, among other NEPA
11 analysis, the 2001 SPEIS.

12 **C. 2013 Northern Border Programmatic Environmental Impact Statement**
13

14 98. Although DHS has not supplemented its programmatic EIS for the U.S.-
15 Mexico border security enforcement program since the 2001 SPEIS, the agency has
16 recently completed a new programmatic PEIS for the Northern U.S.-Canada border.

17 99. The notice of intent for the northern border PEIS was published on
18 November 9, 2010, 75 Fed. Reg. 68,810, after DHS had previously proposed preparing
19 four separate regional PEISs. DHS decided to prepare the single PEIS based on two
20 considerations also applicable to the ongoing southern border enforcement program: i)
21 the “need to identify a single unified proposal and alternatives for maintaining or
22 enhancing security along the Northern border”; and ii) the fact that “certain resources of
23 concern,” including “habitat of various wildlife . . . extend or move across the PEIS
24 regions . . . [and] thus, to ensure that CBP effectively analyzes and conveys impacts that
25 occur across regions of the Northern Border, a unified PEIS is desirable.”

26 100. DHS issued the Final PEIS for Northern Border Activities in July 2012,
27 and ROD for the Northern Border PEIS on April 11, 2013, approving the “Detection,
28 Inspection, Surveillance, and Communications Technology Expansion Alternative,” as

1 the “most representative of the approach” DHS intends to employ “over the next five to
2 seven years.” The ROD pledges that if “within five years of signing this ROD, CBP is
3 required to adopt additional measures beyond the scope of the alternative selected at this
4 time,” it would “evaluate whether environmental conditions have changed or additional
5 alternatives need to be evaluated such that a supplemental Northern Border PEIS is
6 required.”

7
8 **D. The Proposed Action (Southern Border Enforcement Program) Has**
9 **Substantially Changed Since the 2001 SPEIS**

10 101. NEPA regulations direct that an EIS shall be supplemented when the
11 “agency makes substantial changes in the proposed action.” 40 C.F.R. §
12 1502.9(c)(1)(i). As detailed below, DHS has made substantial changes in the U.S.-
13 Mexico border enforcement program, which in turn have resulted in environmental
14 impacts that were not considered or were inadequately considered in the 1994 PEIS and
15 2001 SPEIS. Moreover, the SPEIS by its own terms only addressed anticipated
16 environmental impacts over a five-year (2001-2005) time period. Accordingly, further
17 supplementation of the 2001 SPEIS is required under NEPA.

18 102. In response to the September 11, 2001 terrorist attacks, Congress in 2002
19 created DHS, abolished the INS, and transferred its border security enforcement
20 functions and USBP to DHS. USBP, Customs Service, and other agencies and offices
21 were, in turn, consolidated into CBP.

22 103. Also in response to 9/11, in 2005 JTF-6 was renamed JTF-North and
23 added counter-terrorism efforts to its mission. JTF-North, which remains part of DOD,
24 continues to provide extensive operational, engineering, and construction support to
25 DHS and CBP border enforcement efforts.

26 104. In a comprehensive 2016 overview of border security efforts, the
27 Congressional Research Service noted that under “a variety of indicators, the United
28 States has substantially expanded border enforcement resources over the last three

1 decades. *Particularly since 2001*, such increases include border security appropriations,
2 personnel, fencing and infrastructure, and surveillance technology.” Congressional
3 Research Service, “Border Security: Immigration Enforcement Between Ports of Entry”
4 (“CRS Report”)(April 19, 2016) (emphasis added).

5 105. These increases represent substantial changes to the southern border
6 enforcement program initiated in 1989 and programmatically analyzed under the 1994
7 PEIS and 2001 SPEIS, and are resulting in direct, indirect, and cumulative
8 environmental impacts along the U.S.-Mexico border that were unaddressed or
9 inadequately addressed in those prior programmatic NEPA documents. Consequently,
10 DHS is required to prepare a further supplemental PEIS.

11 106. Annual border enforcement appropriations grew from \$263 million in the
12 years following the inception of the southern border enforcement program in FY 1990 to
13 \$1.4 billion FY 2002. Since 9/11 and the creation of DHS, annual appropriations
14 increased again by an additional 170 percent, to \$3.8 billion in FY 2015.

15 107. CBP is better staffed today than at any time in its history, at levels far
16 higher than those envisioned or analyzed in the 2001 SPEIS.

17 108. There were approximately 9,200 USBP agents in 2001. The 2001 SPEIS
18 projected that “up to 1,000 new USBP agents should be hired over the next 10 years”
19 (longer than the general 5 year time frame of the SPEIS) for a total of approximately
20 10,200 agents. SPEIS, at p. 4-18.

21 109. In the five year time period 2004-2009, CBP in fact doubled the number of
22 agents from approximately 10,000 to more than 20,000 agents.

23 110. The doubling of CBP agents, and the resultant environmental impacts of
24 this rapid and unanticipated expansion, represent a substantial change to the southern
25 border enforcement program, requiring DHS to supplement the 2001 SPEIS.

26 111. The extent and location of fencing and infrastructure construction also
27 represent substantial changes in the southern border enforcement program from that
28 considered in the 2001 SPEIS, and is resulting in direct, indirect, and cumulative

1 environmental impacts along the U.S.-Mexico border that were unaddressed or
2 inadequately addressed in the 1994 PEIS and 2001 SPEIS

3 112. The 2001 SPEIS projected that 180 miles (81 in California, 9 in Arizona)
4 of primary fence, 37 miles (28 in Arizona, 9 in California) of secondary fence, and 111
5 miles (90 in Texas, 12 in California, 9 in Arizona) would be constructed from 2000-
6 2005.

7 113. Since 2001, border wall and barrier construction has been driven by newly
8 enacted legislation, including the REAL ID Act of 2005 (Pub. Law 109-13, div.
9 B)(enacted as a legislative rider to the Emergency Supplemental Appropriations Act for
10 Defense, the Global War on Terror, and Tsunami Relief, 2005), the Secure Fence Act of
11 2006 (Pub. Law 109-367), and the Consolidated Appropriations Act, 2008 (Pub. Law
12 110-161, div. E). Collectively, these laws direct DHS to construct “not less than 700
13 miles” of border fencing (not necessarily walls). 8 U.S.C. § 1103 *note*.

14 114. As of May 2015, DHS had installed a total of 653 miles of border fencing
15 (353 miles of primary pedestrian fencing, 300 miles of vehicle fencing, 36 miles of
16 secondary fencing behind the primary fencing, and 14 miles of tertiary fencing behind
17 the secondary fence). CRS Report, at p. 15. The extent of this border fencing and road
18 infrastructure greatly exceeds the levels of such infrastructure as forecast in the 2001
19 SPEIS, and represents a substantial change to the southern border enforcement program
20 requiring further supplemental analysis to the PEIS.

21 **E. Significant New Information and Circumstances Have Arisen Concerning**
22 **the Environmental Impact of the Southern Border Enforcement Program**

23 115. NEPA requires that an EIS “shall” be supplemented when “significant new
24 circumstances or information” arises that is relevant to the environmental impacts of the
25 action. 40 C.F.R. § 1502.9(c)(1)(ii). As detailed below, significant new circumstances
26 or information are present in this case, which in turn have resulted in or revealed
27 environmental impacts that were not considered or were inadequately considered in the
28 1994 PEIS and 2001 SPEIS. Accordingly, further supplementation of the PEIS is

1 required under NEPA.

2 **i. Wildlife Impacts**

3 116. The U.S.-Mexico borderlands harbor some of North America's rarest
4 wildlife and plants, and at least 700 neotropical birds, mammals, and insects migrate
5 through the borderlands each year. Endangered, threatened, rare, and/or endemic
6 borderland mammals include the jaguar, ocelot, Mexican gray wolf, Sonoran pronghorn,
7 black-tailed prairie dog, jaguarundi, and bighorn sheep.

8 117. Impacts of the DHS southern border enforcement program on wildlife
9 species have been a central environmental issue throughout the programmatic NEPA
10 process. In particular, the cumulative effect of border enforcement actions on the loss of
11 borderland wildlife habitat, including habitat for threatened and endangered species, was
12 identified as a major environmental effect and one of two "primary areas of controversy"
13 in the 2001 SPEIS.

14 118. Scientific study of the impacts of the southern border enforcement
15 program was largely absent at the time of the 1994 PEIS and 2001 SPEIS. Since that
16 time, scientific understanding of these impacts has dramatically progressed, particularly
17 in relation to imperiled transboundary wildlife (*i.e.* those dependent on habitat in both
18 the U.S. and Mexico for survival including breeding, feeding, and rearing areas).

19 119. Since the 2001 SPEIS, significant new information has arisen concerning
20 the conservation needs of many of these wildlife species, and the past, present, and
21 reasonably foreseeable future impacts and cumulative impacts that the DHS southern
22 border enforcement program will have on individual animals and their larger
23 populations. This information shows that continued implementation of the program,
24 particularly without efforts to conduct prior study of or to mitigate such impacts, may
25 result in the localized extinction of borderlands wildlife including black bears, as well as
26 species listed under the ESA such as jaguar and bighorn sheep.

27 120. For example, a published scientific study, Flesch *et al.* (2009) *Potential*
28 *effects of the United States-Mexico border fence on wildlife*, noted that "[t]ransboundary

1 development, including fences, roadways, lighting, vegetation clearing, and increased
2 human activity, threatens to alter [landscape] connectivity in large scales in over 20
3 nations.” The authors further noted the specific importance of the U.S.-Mexico
4 borderlands region, stating that “[t]ransboundary connectivity is especially relevant to
5 conservation in this region because several major biogeographic provinces converge and
6 produce the range limits of many Neotropical and Nearctic taxa . . . [and] broad
7 elevation and moisture gradients produce fragmented distributions of many
8 populations.”

9 121. Flesch *et al.* (2009) concluded that “persistence and recovery of other
10 species present in low numbers such as jaguar and Sonoran pronghorn may depend on
11 transboundary movements,” and that “[p]ersistence of black bears in northern Sonora
12 and Texas may depend, respectively, on movements from Arizona and Coahuila.”

13 122. In addition, Lasky *et al.* (2011) *Conservation biogeography of the U.S.-*
14 *Mexico border: a transcontinental risk assessment of barriers to animal dispersal*
15 evaluated the impacts of intensive human land use and border barriers on species
16 vulnerable to global and local extinction. According to the authors, their assessment is
17 “the first transcontinental study . . . to quantitatively evaluate potential impacts of
18 dispersal barriers on the highly biodiverse ecological communities along the US-Mexico
19 border and the first to provide planning recommendations based on such an analysis.”

20 123. Lasky *et al.* (2011) specifically noted that in addition to physical border
21 barriers (fences and walls), the “activity of humans in unfenced areas may also restrict
22 animal dispersal, such that border permeability may be significantly reduced in areas we
23 did not identify as barriers.”

24 124. The 1994 PEIS and 2001 SPEIS did not consider the impacts of the U.S.-
25 Mexico border on wildlife transboundary movements.

26 125. The 1994 PEIS and 2001 SPEIS also did not provide specific analysis of
27 many key borderland wildlife species, including threatened and endangered species.
28 The 1994 PEIS and 2001 SPEIS, for example, provide no mention of jaguars or black

1 bears.

2 126. The new scientific information available regarding the impact of the DHS
3 southern border enforcement program on borderlands wildlife, and the potential of the
4 program to result in localized extinction of this wildlife, is significant new information
5 requiring further supplementation of the 1994 PEIS and 2001 SPEIS.

6 **ii. Threatened and Endangered Species Impacts**

7 127. In addition to the new information and circumstances relevant to wildlife
8 species generally, significant new information and circumstances have also arisen
9 regarding impacts of the DHS southern border enforcement program on threatened and
10 endangered species in particular.

11 128. The endangered jaguar is a prime example of how significant new
12 information and circumstances have arisen with respect to threatened and endangered
13 species since the 2001 SPEIS.

14 129. The 2001 SPEIS does not mention jaguars.

15 130. After the last known known jaguars in Arizona was shot and killed in the
16 1960s and 1970s, no jaguars were seen in the state for approximately 15 years.
17 Confirmed jaguar sightings began to occur in 1990s in the U.S. borderlands region, and
18 since the 2001 SPEIS, several individual adult jaguars have been documented in the U.S.
19 borderlands region, including the jaguar named *Macho B* and the jaguar named *El Jefe*
20 (named by Tucson area schoolchildren), both of which were documented over the course
21 of several years. Additional jaguars were documented in the Huachuca Mountains and
22 Dos Cabezas Mountains in November and December 2016, respectively, and the jaguar
23 photographed in the Huachuca Mountains has also been photographed in 2017.

24 131. ESA critical habitat (as required by Center litigation) for the jaguar was
25 finalized in March 2014. 79 Fed. Reg. 12,572 (March 5, 2014).

26 132. The final critical habitat rule requires that all of the jaguar's seven
27 identified primary constituent elements be present in order for each specific area to
28 constitute critical habitat, "including connectivity to Mexico." 79 Fed. Reg. 12,572, at

1 12,587.

2 133. The new information and circumstances regarding jaguar sightings, new
3 critical habitat designations, and the need for jaguar habitat connectivity with Mexico is
4 significant and relevant to the environmental effects considered in the 1994 PEIS and
5 2001 SPEIS.

6 134. Including the jaguar, since approval of the 2001 SPEIS, FWS has finalized
7 new or revised ESA critical habitat designations for 27 species consisting of areas along,
8 or within 50 miles of, the U.S.-Mexico border:

- 9 i. Otay tarplant (threatened): 67 Fed. Reg. 76,030 (Dec. 10, 2002);
- 10 ii. Cushenbury oxytheca (endangered): 67 Fed. Reg. 78,570 (Dec. 24, 2002);
- 11 iii. Mexican spotted owl (threatened): 69 Fed. Reg. 53,182 (Aug. 31, 2004);
- 12 iv. Gila Chub (endangered): 70 Fed. Reg. 66,664 (Nov. 2, 2005);
- 13 v. Laguna Mountains skipper (endangered): 71 Fed. Reg. 74,592 (Dec. 12,
14 2006);
- 15 vi. Mexican flannelbush (endangered): 72 Fed. Reg. 54,984 (Sept. 27, 2007);
- 16 vii. San Diego fairy shrimp (endangered): 72 Fed. Reg. 70,648 (Dec. 12,
17 2007);
- 18 viii. Coastal California gnatcatcher (threatened): 72 Fed. Reg. 72,010 (Dec. 19,
19 2007);
- 20 ix. Peirson's milk-vetch (threatened): 73 Fed. Reg. 8,748 (Feb. 14, 2008);
- 21 x. Devils River minnow (threatened): 73 Fed. Reg. 46,988 (Aug. 12, 2008);
- 22 xi. San Bernardino bluegrass (endangered): 73 Fed. Reg. 47,706 (Aug. 14,
23 2008);
- 24 xii. San Diego thornmint (threatened): 73 Fed. Reg. 50,454 (Aug. 26, 2008);
- 25 xiii. Bighorn sheep (peninsular ranges DPS) (endangered): 74 Fed. Reg. 17,288
26 (April 14, 2009);
- 27 xiv. Piping plover (Texas wintering population) (threatened): 74 Fed. Reg.
28 23,476 (May 19, 2009);

- xv. Quino checkerspot butterfly (endangered): 74 Fed. Reg. 28,776 (June 17, 2009);
- xvi. Spreading navarretia (threatened): 75 Fed. Reg. 62,192 (Oct. 7, 2010);
- xvii. San Diego ambrosia (endangered): 75 Fed. Reg. 74,546 (Nov. 30, 2010);
- xviii. Thread-leaved brodiaea (threatened): 76 Fed. Reg. 6,848 (Feb. 8, 2011)
- xix. Arroyo toad (endangered): 76 Fed. Reg. 7,246 (Feb. 9, 2011);
- xx. Willowy monardella (endangered): 77 Fed. Reg. 13,394 (March 6, 2012);
- xxi. Chiricahua leopard frog (threatened): 77 Fed. Reg. 16,324 (March 20, 2012);
- xxii. Western snowy plover (Pacific DPS) (threatened): 77 Fed. Reg. 36,728 (June 19, 2012);
- xxiii. Riverside fairy shrimp (endangered): 77 Fed. Reg. 72,070 (Dec. 4, 2012);
- xxiv. Southwestern willow flycatcher (endangered): 78 Fed. Reg. 344 (Jan. 3, 2013);
- xxv. Tidewater goby (endangered): 78 Fed. Reg. 8,746 (Feb. 6, 2013);
- xxvi. Jaguar (endangered): 79 Fed. Reg. 12,572 (March 5, 2014);
- xxvii. Acuña cactus (endangered): 81 Fed. Reg. 55,266 (August 18, 2016).
135. Nearly all of these 27 species with newly designated or revised critical habitat rely on habitat in both the United States and Mexico, and the critical habitat rules specifically note that DHS operations undertaken as part of the southern border enforcement program have been documented to negatively impair many of the species. *See, e.g.* Peirson’s milkvetch (construction and maintenance of facilities by USBP, and other monitoring and enforcement activities of USBP involving vehicular operations on the Algodones Dunes, having negative impacts); jaguar (special management considerations needed “to alleviate the effects of border-related activities, allowing for some level of permeability so that jaguars may pass through the U.S.-Mexico border”); acuña cactus (recommending that USBP “minimize construction of new border control facilities, roads, towers, or fences”; special management considerations needed to

1 address off-road border-related human disturbances); arroyo toad (borderlands subunit
2 “may require special management considerations or protection to address threats from
3 [USBP] activities”).

4 136. The Ninth Circuit has held that new protective designations for wildlife
5 species, including ESA critical habitat, require the action agency “to evaluate in a timely
6 manner the need to supplement the original EIS in light of that new information.”
7 *Friends of the Clearwater v. Dombeck*, 222 F.3d 552, 559 (9th Cir. 2000). The need to
8 conduct this evaluation is particularly important where the agency has not considered the
9 species’ biological status in previous environmental analysis.

10 137. As detailed above, significant new information and circumstances relevant
11 to the impacts of the DHS border enforcement program on threatened and endangered
12 species and their habitat has arisen since the 2001 SPEIS, thus compelling preparation of
13 supplemental environmental analysis.

14 **iii. REAL ID Legal Waivers Impacts**

15 138. The 2005 REAL ID Act gives the DHS Secretary “authority to waive all
16 legal requirements such Secretary, in such Secretary’s sole discretion, determines
17 necessary to ensure expeditious construction of the barriers and roads under this
18 section.” 8 U.S.C. § 1103 *note*, Section 102(c).

19 139. During the George W. Bush administration, DHS Secretary Michael
20 Chertoff published five “notices of determination” in the *Federal Register* that he was
21 invoking the REAL ID waiver authority, exempting a total of more than 35 laws that
22 would have otherwise applied to construction of border fencing and roads: i) San Diego
23 (70 Fed. Reg. 55,622)(Sept. 22, 2005); ii) Barry M. Goldwater Range, Arizona (72 Fed.
24 Reg. 2,535)(Jan. 19, 2007); iii) San Pedro Riparian National Conservation Area
25 (administered by U.S. Bureau of Land Management), Arizona (72 Fed. Reg.
26 60,870)(Oct. 26, 2007); iv) Hidalgo County, Texas (73 Fed. Reg. 19,077)(April 3,
27 2008)(corrected on April 8, 2008); v) >450 miles in Texas, New Mexico, Arizona, and
28

1 California (73 Fed. Reg. 18,293)(April 3, 2008). Collectively, the five Chertoff REAL
2 ID determinations waived laws that otherwise would have applied to approximately 550
3 miles of border wall and road construction. In all five of these determinations, the
4 Secretary waived application of NEPA. Consequently, DHS has not conducted site-
5 specific NEPA on a significant aspect of its U.S.-Mexico border enforcement program.

6 140. In addition to NEPA, in all five of these determinations, DHS Secretary
7 Chertoff waived application of the ESA, Clean Water Act (33 U.S.C. § 1251 *et seq.*),
8 National Historic Preservation Act (Pub. Law 89-665), Migratory Bird Treaty Act (16
9 U.S.C. § 703 *et seq.*), Clean Air Act (42 U.S.C. § 7401 *et seq.*), Archeological Resources
10 Protection Act (16 U.S.C. 470aa *et seq.*), Safe Drinking Water Act (42 U.S.C. § 300f *et*
11 *seq.*), Wild and Scenic Rivers Act (16 U.S.C. § 1281 *et seq.*), Wilderness Act (16 U.S.C.
12 § 1131 *et seq.*), National Forest Management Act (16 U.S.C. § 1600 *et seq.*), Native
13 American Graves Protection and Repatriation Act (42 U.S.C. § 2000bb), and American
14 Religious Freedom Act (42 U.S.C. § 1996), as well as numerous additional laws.

15 141. The REAL ID Act waiver, and its repeated utilization by DHS Secretary
16 Chertoff, represents new information or circumstances requiring supplementation of the
17 1994 PEIS and 2001 SPEIS. Due to the use of the waiver, DHS has failed to perform
18 site-specific NEPA analysis or abide by numerous other environmental, cultural, and
19 religious freedom laws on approximately 550 miles of border fencing and associated
20 road construction.

21 142. As described above, the 2001 SPEIS repeatedly and expressly relied on
22 compliance with the CWA, ESA and other environmental laws to predict that
23 environmental effects would be avoided or mitigated.

24 143. The construction of barriers and roads carried out pursuant to the REAL
25 ID waivers is a subset of the overall southern border enforcement program.
26 Consequently, even if such construction was itself exempt from NEPA, its occurrence
27 and current existence on the landscape was never analyzed in the environmental baseline
28 or cumulative effects sections of the 1994 PEIS or 2001 SPEIS. These road, barriers and

1 related activities, and their environmental impacts represent significant new information
2 mandating further supplementation of the 1994 PEIS and 2001 SPEIS.

3 **F. The January 25, 2017 Executive Order and DHS Implementing Actions Are**
4 **Resulting In Further Substantial Changes to the Southern Border**
5 **Enforcement Program**

6 144. Within days of taking office, President Donald J. Trump issued the Border
7 Security E.O., directing DHS to “secure the southern border of the United States
8 through the immediate construction of a physical wall on the southern border.”

9 145. The Border Security E.O. defines “wall” to mean “a contiguous, physical
10 wall or other similarly secure, contiguous, and impassable physical barrier.” (Sec. 3(e)).
11 The Border Security E.O. further directs the Secretary to “take all appropriate steps to
12 immediately plan, design, and construct a physical wall along the southern border . . . [in
13 order] to most effectively achieve complete operational control” (Sec. 4(a)) of the U.S.-
14 Mexico border,” and produce “a comprehensive study of the security of the southern
15 border” (Sec. 4(d)) within 180 days.

16 146. The Border Security E.O. also addresses other aspects of the border
17 enforcement program that would have significant environmental effects.

18 147. For example, Section 5 of the Border Security E.O. directs the DHS
19 Secretary to “take all appropriate action and allocate all legally available resources to
20 immediately construct, operate, control, or establish contracts to construct, operate, or
21 control facilities to detain aliens at or near the border with Mexico.”

22 148. Section 8 of the Border Security E.O. directs the DHS Secretary, through
23 the CBP Commissioner, “to hire 5,000 additional [CBP] agents,” and to take “all
24 appropriate action to ensure such agents enter on duty and are assigned to duty stations
25 as soon as is practicable.”

26 149. Section 12 of the Border Security E.O. would authorize DHS to enter
27 federal lands, including National Parks, National Forests, Wilderness Areas, and other
28 protected federal lands, without constraint.

1 150. DHS Secretary John Kelly issued an implementing memorandum for the
2 Border Security E.O. on February 17, 2017 (“Kelly implementing memorandum”).

3 151. The Kelly implementing memorandum directs the CBP Commissioner to
4 “immediately begin the process of hiring 5,000 additional Border Patrol agents, as well
5 as 500 Air & Marine Agents/Officers, and take all actions necessary to ensure that such
6 agents/officers enter on duty and are assigned to appropriate duty stations . . .as soon as
7 practicable.”

8 152. In addition, the Kelly implementing memorandum directs CBP to
9 “immediately begin planning, design, construction and maintenance of a wall, including
10 the attendant lighting, technology (including sensors), as well as patrol and access roads,
11 along the land border with Mexico in accordance with existing law, in the most
12 appropriate locations and utilizing appropriate materials and technology to most
13 effectively achieve operational control of the border.”

14 153. Finally, the Kelly implementing memorandum directs the DHS Under
15 Secretary for Management, in consultation with the CBP Commissioner, to
16 “immediately identify and allocate all sources of available funding for the planning,
17 design, construction, and maintenance of a wall, including the attendant lighting,
18 technology (including sensors), as well as patrols and access roads, and develop
19 requirements for total ownership cost this project, including preparing Congressional
20 budget request for the current fiscal year (e.g., supplemental budget requests) and
21 subsequent fiscal years.”

22 154. In addition to the Kelly implementing memorandum, DHS is
23 implementing the Border Security E.O. through the March 17, 2017 release of two
24 Requests for Proposals (“RFP”)—one for a “Solid Concrete Border Wall Prototype” and
25 the second for “Other Border Wall Prototype.” Both “prototype” RFPs require the wall
26 to be 30 feet tall (although “heights of at least 18 feet may be acceptable”), sunk at least
27 six feet into the ground, and be built in a manner that it would take at least an hour to
28 breach with a “sledgehammer, car jack, pickaxe, chisel, battery operated impact tools,

battery operated cutting tools, Oxy/acetylene torch or other similar hand-held tools.” Phase I of the RFPs required bidders to submit Concept Papers by April 4, 2017. Phase II selectees will be required to build a 30’ prototype wall within 30 days of the notice to proceed.

155. DHS has thus far deployed fencing along approximately 653 miles of border—one third of the 1,933-mile frontier. Much of this construction was facilitated by the five REAL ID Act waivers totaling approximately 550 miles.

156. Completion of a wall running the length of the border as called for in the Border Security E.O. and Kelly implementing memorandum would require new construction along approximately 1,283 miles of border.

157. DHS has consistently concluded that between 650 and 700 miles of border fencing is necessary to meet its legal mandates, significantly less than the continuous border wall envisioned by the Border Security E.O. and Kelly implementing memorandum. Moreover, the Border Security E.O.’s emphasis on an “impassable” barrier conflicts with DHS’s decision to instead utilize vehicle barriers on an existing 300 miles of fencing. Thus, in order to implement the Border Security E.O., DHS would have to propose and implement border wall construction on more than 1,200 miles of border which it has previously and consistently determined were not necessary and appropriate for any border barriers, let alone the impassable border wall as defined under the Border Security E.O.

158. The Border Security E.O., Kelly implementing memorandum, and RFPs thus represent additional “substantial changes” to the DHS southern border enforcement program, and result in environmental impacts far beyond those considered in the 1994 PEIS and 2001 SPEIS. These substantial changes mandate further supplementation of the PEIS under NEPA.

G. Endangered Species Act Violations

159. DHS has failed to engage in consultation to ensure that the southern border enforcement program does not jeopardize listed species or result in the destruction or

1 adverse modification of their critical habitat, as required by Section 7(a)(2) of the ESA,
2 16 U.S.C. § 1536(a)(2).

3 160. On April 4, 2017, the Center provided notice to DHS Secretary John
4 Kelly, CBP Acting Commissioner McAleenan, FWS Acting Director, and U.S.
5 Department of the Interior Secretary Ryan Zinke, pursuant to Section 11(g) of the ESA,
6 16 U.S.C. § 1540(g), that DHS and CBP are in violation of Section 7 of the ESA, due to
7 its ongoing failure to initiate and complete Section 7 consultation on the effects of its
8 southern border enforcement program.

9 161. There are numerous species listed as endangered or threatened pursuant to
10 the ESA that are present in the U.S.-Mexico borderlands region (generally defined as
11 lands within 50 miles of the border), and/or have designated critical habitat, and may be
12 impacted by the DHS southern border enforcement program. As detailed in this
13 Complaint, for example, 27 species have newly designated or revised critical habitat
14 since the 2001 SPEIS alone.

15 162. The Center's notice letter alleges that DHS and CBP are in violation of the
16 ESA for failing to consult with FWS regarding the southern border enforcement
17 program's impacts on listed species, failing to use the best scientific and commercial
18 data available, and failing to insure that the project will not jeopardize the continued
19 existence of listed species or result in the destruction or adverse modification of their
20 designated critical habitat.

21 163. DHS and CBP have sixty days to remedy these alleged violations before
22 Plaintiffs can bring suit pursuant to these claims in Federal District Court. In the event
23 that DHS fails to remedy the alleged violations within those sixty days, Plaintiffs intend
24 to amend their Complaint in this action to add the alleged ESA violations.

25 **VII. CLAIM FOR RELIEF**

26 164. Plaintiffs incorporate by reference the allegations in all preceding
27 paragraphs.

28 165. NEPA requires federal agencies to take a "hard look" at the direct,

1 indirect, and cumulative impacts of proposed major Federal actions, and at alternatives
2 that could reduce or eliminate those environmental impacts. 42 U.S.C. § 4332 (2)(C)(i)-
3 (ii); 40 C.F.R. §§ 1502.16, 1508.7, 1508.8.

4 166. NEPA's requirements extend to programs such as the DHS southern
5 border enforcement program. 40 C.F.R. §§ 1502.4, 1508.18(b)(2)-(3).

6 167. NEPA imposes a mandatory, non-discretionary duty on agencies to
7 supplement an already completed analysis for an agency program when the "agency
8 makes substantial changes in the proposed action" *or* "significant new circumstances or
9 information" arises that is relevant to the environmental impacts of the action." 40
10 C.F.R. § 1502.9(c)(1)(i)-(ii) (emphasis added).

11 168. DHS has failed to conduct, or consider the need to conduct, additional
12 supplementation of the 1994 PEIS and 2001 SPEIS analyzing the programmatic
13 environmental impacts of the DHS southern border enforcement program despite the
14 presence of both triggering factors.

15 169. First, DHS has failed to conduct, or consider the need to conduct,
16 additional supplementation of the 1994 PEIS and 2001 PEIS despite the fact that the
17 agency has made substantial changes in the ongoing implementation of the southern
18 border enforcement program since the 2001 SPEIS.

19 170. Since approval of the 2001 SPEIS, border security appropriations,
20 personnel, fencing and infrastructure, and surveillance technology have dramatically
21 increased, and represent substantial changes to the southern border enforcement program
22 analyzed under the 1994 PEIS and 2001 SPEIS, that are resulting in direct, indirect, and
23 cumulative environmental impacts along the U.S.-Mexico border that were unaddressed
24 or inadequately addressed in those prior programmatic NEPA documents.
25 Consequently, DHS is required to prepare a further supplemental PEIS.

26 171. In addition, significant new circumstances or information are present in
27 this case, which in turn have resulted in or revealed environmental impacts that were not
28 considered or were inadequately considered in the 1994 PEIS and 2001 SPEIS.

1 Accordingly, further supplementation of the PEIS is required under NEPA.

2 172. These new circumstances or information include, but are not limited to: a)
3 greatly improved scientific understanding of the conservation needs of borderland
4 wildlife species, and the impacts of the border enforcement program on those needs; b)
5 new information regarding threatened and endangered species in the borderlands,
6 including new and improved information regarding the presence and extent of those
7 species and the designation of final or revised critical habitat within 50 miles of the
8 U.S.-Mexico border under the Endangered Species Act for 27 of these species; and c)
9 former DHS Secretary Michael Chertoff's use of REAL ID section 102 authority on five
10 occasions to waive more than 35 laws, including NEPA, that otherwise would have
11 applied to approximately 550 miles of border wall and fencing construction.

12 173. DHS has and will continue in the future to implement the southern border
13 enforcement program without having conducted additional supplemental analysis
14 required by NEPA. As illustrated by the Border Fence E.O., Kelly implementing
15 memorandum, and border wall RFPs, DHS is taking immediate steps to further intensify
16 and substantially change the implementation of border enforcement program. As such,
17 sufficient federal action remains to occur under the DHS southern border enforcement
18 program that evaluation of the substantial changes to the program, and the new
19 circumstances or information relevant to the environmental impacts of that program,
20 would further the decisionmaking purposes of NEPA.

21 174. Despite the passage of 16 years, the substantial changes in the border
22 enforcement program, and the changed circumstances and other new information, DHS
23 has failed to prepare a new supplement to its programmatic NEPA analysis, or to prepare
24 a new programmatic NEPA analysis, in violation of NEPA, 42 U.S.C. § 4332(2)(C) and
25 40 C.F.R. §1502.9(c), and contrary to the standards of the APA, 5 U.S.C. § 706(1) and
26 (2)(A).

27 175. DHS's failure to supplement the 1994 PEIS and 2001 SPEIS with analysis
28 of the substantial changes to the southern border enforcement program, and the new

1 information and circumstances relevant to the environmental impacts of the program,
2 constitutes agency action that is final and reviewable under the APA, 5 U.S.C. §§
3 701(b)(2), 702, 704, and 706. This failure violates NEPA, 42 U.S.C. § 4332(2)(C), and
4 CEQ implementing regulations. 40 C.F.R. §§ 1502.9(c)(1)(i)-(ii), 1502.16, 1508.7,
5 1508.8.

6 176. In failing to issue a supplemental PEIS in response to the substantial
7 changes to the southern border enforcement program and the significant new
8 information and changed circumstances detailed in this Complaint, DHS has unlawfully
9 withheld and unreasonably delayed the issuance of a supplemental PEIS to the 1994
10 PEIS and 2001 SPEIS, contrary to the APA, 5 U.S.C. §706(1) and (2)(A).

11 **REQUEST FOR RELIEF**

12 Plaintiffs respectfully request that this Court enter judgment in their favor and
13 against Defendants and provide the following relief:

- 14 a) Declare that DHS violated NEPA by failing to issue a supplemental PEIS
15 in light of the substantial changes made to the proposed action;
- 16 b) Declare that DHS violated NEPA by failing to issue a supplemental PEIS
17 in light of the significant new circumstances or information relevant to
18 environmental concerns and bearing on the proposed action or its impacts that has
19 developed since the last supplementation of the PEIS in 2001;
- 20 c) Issue a mandatory injunction requiring DHS to comply with the
21 requirements of NEPA and its implementing regulations;
- 22 d) Retain jurisdiction of this action to ensure compliance with the Court's
23 Orders;
- 24 e) Allow Plaintiffs to recover the costs of this action, including reasonable
25 reimbursement of attorneys' fees; and
- 26 f) Provide such other declaratory and injunctive relief as the Court deems just
27 and proper.

28 Respectfully Submitted this 12th day of April, 2017.

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Attorneys for Plaintiffs

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Monday, May 01, 2017 11:07 AM
To: (b) (6), (b) (7)(C); (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: Contractor Site Visits

10-4, Thanks

From: (b) (6), (b) (7)(C)
Sent: Monday, May 01, 2017 11:01 AM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: Re: Contractor Site Visits

(b) (5), (b)(6);(b)(7)(C)

Thanks

Sent using OWA for iPhone

From: (b) (6), (b) (7)(C)
Sent: Monday, May 1, 2017 12:47:03 PM
To: (b) (6), (b) (7)(C); (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: [EXTERNAL] RE: Contractor Site Visits

(b) (6) (b) (5)

(b) (5), (b)(6);(b)(7)(C)

Thanks.

From: (b) (6), (b) (7)(C)
Sent: Monday, May 01, 2017 7:10 AM
To: (b) (6), (b) (7)(C); (b) (6)
Cc: (b) (6), (b) (7)(C)
Subject: RE: Contractor Site Visits

Morning (b) (6), (b) (7)(C),

(b) (5)

V/r

(b) (6), (b) (7)(C)

BB (b) (6), (b) (7)(C)

SDC FM

From: (b) (6), (b) (7)(C)

Sent: Sunday, April 30, 2017 9:17 PM

To: (b) (6), (b) (7)(C); (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: RE: Contractor Site Visits

(b) (6), (b) (7)(C)

(b) (5)

From: (b) (6), (b) (7)(C)

Sent: Friday, April 28, 2017 2:27 PM

To: (b) (6), (b) (7)(C); (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: RE: Contractor Site Visits

(b) (6), (b) (7)(C)

(b) (5)

V/r

(b) (6), (b) (7)(C)

BB (b) (6), (b) (7)(C)

SDC FM

From: (b) (6), (b) (7)(C)

Sent: Friday, April 28, 2017 11:23 AM

To: (b) (6), (b) (7)(C); (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: RE: Contractor Site Visits

(b) (6), (b) (7)(C)

(b) (5)

From: (b) (6), (b) (7)(C)

Sent: Wednesday, April 26, 2017 11:48 AM

To: (b) (6), (b) (7)(C); (b) (6)

Cc: (b) (6), (b) (7)(C)

Subject: RE: Contractor Site Visits

(b) (6), (b) (7)(C)

(b) (5)

V/r

(b) (6), (b) (7)(C)

BB (b) (6), (b) (7)(C)

SDC FM

From: (b) (6), (b) (7)(C)
Sent: Wednesday, April 26, 2017 11:39 AM
To: (b) (6), (b) (7)(C); (b) (6)
Cc: (b) (6), (b) (7)(C)
Subject: RE: Contractor Site Visits

(b) (5)

From: (b) (6), (b) (7)(C)
Sent: Wednesday, April 26, 2017 10:30:00 AM
To: (b) (6), (b) (7)(C); (b) (6)
Subject: RE: Contractor Site Visits

(b) (5)

(b) (6), (b) (7)(C)
BB (b) (6), (b) (7)(C)
SDC FM

From: (b) (6), (b) (7)(C)
Sent: Wednesday, April 26, 2017 9:56 AM
To: (b) (6), (b) (7)(C); (b) (6)
Subject: RE: Contractor Site Visits

(b) (5)

From: (b) (6), (b) (7)(C)
Sent: Wednesday, April 26, 2017 8:49:07 AM
To: (b) (6)
Cc: (b) (6), (b) (7)(C)
Subject: RE: Contractor Site Visits

10-4

(b) (5)

V/r

(b) (6), (b) (7)(C)
BB (b) (6), (b) (7)(C)
SDC FM

From: (b) (6)
Sent: Wednesday, April 26, 2017 8:29 AM
To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)
Subject: Re: Contractor Site Visits

(b) (6), (b) (7)(C) (b) (5)

Sent using OWA for iPhone

From: (b) (6), (b) (7)(C)
Sent: Wednesday, April 26, 2017 11:12:31 AM
To: (b) (6), (b) (7)(C)
Subject: [EXTERNAL] RE: Contractor Site Visits

(b) (5)

(b) (6), (b) (7)(C)
BB (b) (6), (b) (7)(C)
SDC FM

From: (b) (6), (b) (7)(C)
Sent: Wednesday, April 26, 2017 8:11 AM
To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: Contractor Site Visits

All: just wanted to give a reminder. The initial down select is supposed to be done by COB May 5. If they are on time, we'll do site visits on 16-17 May or 17-18 May. I'll keep you informed as we know more.

Thanks

Sent using OWA for iPhone

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Monday, March 06, 2017 10:42 PM
To: (b)(6);(b)(7)(C)
Subject: Proposed Process for Coordination with DOI and Funding of Mitigation Efforts
Attachments: White Paper Proposed Approach to DOI Coordination and Mitigation draft 030617.docx

Hello all – Attached is my first draft of the proposed process for coordination and mitigation with DOI. Please review and provide any edits/comments. I will send a password in a separate email.

Thank you,

(b) (6), (b) (7)(C)

Real Estate and Environmental Branch Chief
Border Patrol and Air & Marine
Program Management Office
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Laguna Niguel, CA 92677
Phone: (b) (6), (b) (7)(C)
Cell: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

From: (b)(6);(b)(7)(C)
Sent: Wednesday, March 08, 2017 9:05 AM
To: (b)(6);(b)(7)(C)
Cc: (b)(6);(b)(7)(C)
Subject: RE: Proposed Process for Coordination with DOI and Funding of Mitigation Efforts
Attachments: White Paper Proposed Approach to DOI Coordination and Mitigation draft 030717 -- (b) (6), (b) (7)(C).docx

(b)(6);(b)(7)(C)

(b) (5)

Thanks,

(b) (6), (b) (7)(C)

This communication might contain communications between attorney and client, communications that are part of the agency deliberative process, or attorney-work product, all of which are privileged and not subject to disclosure outside the agency or to the public. Please consult with the Office of Assistant Chief Counsel, Indianapolis, U.S. Customs and Border Protection before disclosing any information contained in this email.

From: (b) (6), (b) (7)(C)
Sent: Wednesday, March 08, 2017 6:46 AM
To: (b)(6);(b)(7)(C)
Cc: (b)(6);(b)(7)(C)
Subject: RE: Proposed Process for Coordination with DOI and Funding of Mitigation Efforts

(b) (6), (b) (7)(C)

I have reviewed the white paper. Overall looks good. (b) (5)

I do have a few comments/suggestions attached. I'd recommend perhaps one conf call among reviewers to go over all comments etc at once.

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)
Environmental Planning

(b) (6), (b) (7)(C)

To: (b) (6), (b) (7)(C); (b) (6), (b) (7)(C); (b) (6), (b) (7)(C) ; (b) (6), (b) (7)(C) (OCC); (b) (6), (b) (7)(C) (CTR);

know.

Thanks.

[illegible]

when I am able to log into a computer.

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Wednesday, March 08, 2017 9:15 AM
To: (b) (6), (b) (7)(C)
Cc: (b)(6);(b)(7)(C)
Subject: RE: Proposed Process for Coordination with DOI and Funding of Mitigation Efforts
Attachments: White Paper Proposed Approach to DOI Coordination and Mitigation draft 030717 (002)_jaz comments.docx

(b) (6), (b) (7)(C),

Good job! I included revisions to the attached document and have identified several general comments below.

General Comments:

- (b) (5)
-
-
-
-

Regards,

(b) (6), (b) (7)(C)

Environmental Protection Specialist
Border Patrol & Air and Marine Program Management Office
U.S. Customs and Border Protection
Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

From: (b)(6);(b)(7)(C)
Sent: Wednesday, March 08, 2017 9:05 AM
To: (b)(6);(b)(7)(C)

<(b) (6), (b) (7)(C)>
Cc: (b) (6), (b) (7)(C) <(b) (6), (b) (7)(C)>

Subject: RE: Proposed Process for Coordination with DOI and Funding of Mitigation Efforts

(b) (5), (b) (7)(C)

(b) (5)

Thanks,

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

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From: (b) (6), (b) (7)(C)

Sent: Wednesday, March 08, 2017 6:46 AM

To: (b)(6);(b)(7)(C)

Cc: (b) (6), (b) (7)(C) <(b) (6), (b) (7)(C)>

Subject: RE: Proposed Process for Coordination with DOI and Funding of Mitigation Efforts

(b) (5), (b) (7)(C)

I have reviewed the white paper. Overall looks good. (b) (5)

I do have a few comments/suggestions attached. I'd recommend perhaps one conf call among reviewers to go over all comments etc at once.

(b) (5), (b) (7)(C)

(b) (6), (b) (7)(C)

Environmental Planning

LMI Government Consulting

Real Estate, Environmental and Leasing Division

Border Patrol & Air and Marine

Program Management Office (BPAM PMO)

US Customs and Border Protection

1331 Pennsylvania Ave NW

Suite 755N, M/S 1102

Washington DC 20229

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Tuesday, March 07, 2017 5:55 PM

To: (b)(6);(b)(7)(C)

Subject: RE: Proposed Process for Coordination with DOI and Funding of Mitigation Efforts

Attached is the new version. Please use previously provided password. Hopefully this one works but if not please let me know.

Thanks.

From: (b) (6), (b) (7)(C)

Sent: Tuesday, March 07, 2017 8:02 AM

To: (b)(6);(b)(7)(C)

Subject: RE: Proposed Process for Coordination with DOI and Funding of Mitigation Efforts

All - I apologize but it appears the password is not working. I am in SDC today and will resend this afternoon when I am able to log into a computer.

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Wednesday, March 08, 2017 12:19 PM
To: (b) (6), (b) (7)(C)
Subject: RE: Proposed Process for Coordination with DOI and Funding of Mitigation Efforts

Thanks (b) (6), (b) (7)(C)!

From: (b) (6), (b) (7)(C)
Sent: Wednesday, March 08, 2017 10:13 AM
To: (b)(6);(b)(7)(C)
Cc: (b)(6);(b)(7)(C)
[Redacted]
Subject: RE: Proposed Process for Coordination with DOI and Funding of Mitigation Efforts

Hi (b) (6), (b) (7)(C),
My comments are in the attached.

Regards,

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)
Environmental Protection Specialist
Real Estate, Environmental, and Leasing Division
Border Patrol and Air and Marine Program Management Office
U.S. Customs and Border Protection
Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Wednesday, March 08, 2017 9:15 AM
To: (b)(6);(b)(7)(C)
Cc: (b)(6);(b)(7)(C)
[Redacted]
Subject: RE: Proposed Process for Coordination with DOI and Funding of Mitigation Efforts

(b) (6), (b) (7)(C),

Good job! I included revisions to the attached document and have identified several general comments below.

General Comments:

-

(b) (5)

(b) (5)

Regards,

(b) (6), (b) (7)(C)

Environmental Protection Specialist
Border Patrol & Air and Marine Program Management Office
U.S. Customs and Border Protection
Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C) (OCC)

Sent: Wednesday, March 08, 2017 9:05 AM

To: (b)(6);(b)(7)(C)

Cc: (b)(6);(b)(7)(C)

Subject: RE: Proposed Process for Coordination with DOI and Funding of Mitigation Efforts

(b)(6);(b)(7)(C)

(b) (5)

Thanks,

(b)(6);(b)(7)(C)

This communication might contain communications between attorney and client, communications that are part of the agency deliberative process, or attorney-work product, all of which are privileged and not subject to disclosure outside the agency or to the public. Please consult with the Office of Assistant Chief Counsel, Indianapolis, U.S. Customs and Border Protection before disclosing any information contained in this email.

From: (b) (6), (b) (7)(C)

Sent: Wednesday, March 08, 2017 6:46 AM

To: (b)(6);(b)(7)(C)

(b)(6);(b)(7)(C)

Cc: (b)(6);(b)(7)(C)

Subject: RE: Proposed Process for Coordination with DOI and Funding of Mitigation Efforts

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(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Environmental Planning

LMI Government Consulting

Real Estate, Environmental and Leasing Division

Border Patrol & Air and Marine

Program Management Office (BPAM PMO)

US Customs and Border Protection

1331 Pennsylvania Ave NW

Suite 755N, M/S 1102

Washington DC 20229

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Tuesday, March 07, 2017 5:55 PM

To: (b)(6);(b)(7)(C)

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Sent: Tuesday, March 07, 2017 8:02 AM

To: (b)(6);(b)(7)(C)

Subject: RE: Proposed Process for Coordination with DOI and Funding of Mitigation Efforts

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(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Wednesday, March 08, 2017 10:25 AM
To: (b) (6), (b) (7)(C); (b) (6), (b) (7)(C)
Cc: (b)(6);(b)(7)(C)
Subject: RE: Proposed Process for Coordination with DOI and Funding of Mitigation Efforts

(b) (5)

(b)(6);(b)(7)(C)

Energy and Environmental Management Division
U.S. Customs and Border Protection
(b) (6), (b) (7)(C) (Cell)

From: (b) (6), (b) (7)(C)
Sent: Wednesday, March 8, 2017 9:15 AM
To: (b) (6), (b) (7)(C) <(b) (6), (b) (7)(C)>
Cc: (b)(6);(b)(7)(C)

Subject: RE: Proposed Process for Coordination with DOI and Funding of Mitigation Efforts

(b) (6), (b) (7)(C)

Good job! I included revisions to the attached document and have identified several general comments below.

General Comments:

- (b) (5)
-
-
-
-
-

Regards,

(b) (6), (b) (7)(C)

Environmental Protection Specialist
Border Patrol & Air and Marine Program Management Office
U.S. Customs and Border Protection

Office: (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C) (OCC)

Sent: Wednesday, March 08, 2017 9:05 AM

To: (b)(6);(b)(7)(C)

Cc: (b)(6);(b)(7)(C)

Subject: RE: Proposed Process for Coordination with DOI and Funding of Mitigation Efforts

(b) (6), (b) (7)(C)

(b) (5)

Thanks,

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

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of which are privileged and not subject to disclosure outside the agency or to the public. Please consult with the Office of Assistant Chief Counsel, Indianapolis, U.S. Customs and Border Protection before disclosing any information contained in this email.

From: (b) (6), (b) (7)(C)

Sent: Wednesday, March 08, 2017 6:46 AM

To: (b)(6);(b)(7)(C)

Cc: (b)(6);(b)(7)(C)

Subject: RE: Proposed Process for Coordination with DOI and Funding of Mitigation Efforts

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(b) (6), (b) (7)(C)

Environmental Planning
LMI Government Consulting
Real Estate, Environmental and Leasing Division
Border Patrol & Air and Marine
Program Management Office (BPAM PMO)
US Customs and Border Protection
1331 Pennsylvania Ave NW
Suite 755N, M/S 1102
Washington DC 20229
(b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Tuesday, March 07, 2017 5:55 PM

To: (b)(6);(b)(7)(C)

Subject: RE: Proposed Process for Coordination with DOI and Funding of Mitigation Efforts

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Thanks.

From: (b) (6), (b) (7)(C)

Sent: Tuesday, March 07, 2017 8:02 AM

To: (b)(6);(b)(7)(C)

(b)(6);(b)(7)(C) >; (b) (6), (b) (7)(C)
(OCC) <(b) (6), (b) (7)(C) >; (b) (6), (b) (7)(C) <(b) (6), (b) (7)(C) >

Subject: RE: Proposed Process for Coordination with DOI and Funding of Mitigation Efforts

All - I apologize but it appears the password is not working. I am in SDC today and will resend this afternoon when I am able to log into a computer.

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Wednesday, November 16, 2016 1:55 PM
To: (b) (6), (b) (7)(C)
Subject: RE: Fence Info

Ok, Thank you (b) (6), (b) (7)(C). Appreciate you checking.

From: (b) (6), (b) (7)(C)
Sent: Wednesday, November 16, 2016 1:54 PM
To: (b) (6), (b) (7)(C)
Subject: RE: Fence Info

Hi (b) (6), (b) (7)(C),
For (b) (5)

Regards,

(b) (6), (b) (7)(C)
Environmental Protection Specialist
Real Estate, Environmental, and Leasing Division
Border Patrol and Air and Marine Program Management Office
U.S. Customs and Border Protection
Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Tuesday, November 15, 2016 10:30 AM
To: (b) (6), (b) (7)(C)
Subject: RE: Fence Info

(b) (5), (b)(6);(b)(7)(C)

Regards,

(b) (6), (b) (7)(C)
Environmental Protection Specialist
Border Patrol & Air and Marine Program Management Office
U.S. Customs and Border Protection

Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)
[REDACTED]

From: (b) (6), (b) (7)(C)
Sent: Tuesday, November 15, 2016 10:23 AM
To: (b) (6), (b) (7)(C)
Subject: RE: Fence Info

(b) (6), (b) (7) - Tomorrow is fine. Earliest as possible would be great. I believe (b) (6), (b) (7)(C) will be conducting a briefing on Thursday.

From: (b) (6), (b) (7)(C)
Sent: Tuesday, November 15, 2016 10:09:26 AM
To: (b) (6), (b) (7)(C)
Subject: RE: Fence Info

Hi (b) (6), (b) (7),
When do you need this information? (b) (5)
[REDACTED]
[REDACTED]. Thanks.

Regards,

(b) (6), (b) (7)
[REDACTED]

(b) (6), (b) (7)(C)
Environmental Protection Specialist
Real Estate, Environmental, and Leasing Division
Border Patrol and Air and Marine Program Management Office
U.S. Customs and Border Protection
Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)
[REDACTED]

From: (b) (6), (b) (7)(C)
Sent: Tuesday, November 15, 2016 9:23 AM
To: (b) (6), (b) (7)(C)
Subject: Fence Info

(b) (6), (b) (7) and (b) (6), (b) (7)(C) - I am collecting data/information on areas of the fence (b) (5)
[REDACTED]
[REDACTED]

Thanks

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Tuesday, November 15, 2016 5:38 AM
To: (b) (6), (b) (7)(C)
Subject: Fence...

Gents:

I will ask that we prepare to address the incoming calls for RE and ENV. Maybe this is already happening and if so, please ensure I am looped in.

You all are the experts and rely on your expertise to ensure that our Leadership does not go off base with some of their estimations.

(b) (5), (b) (7)(E)

Thank you,

(b)(6);(b)(7)(C), CBM, PMP

Director-Real Estate, Environmental and Leasing Services (REEL)

Border Patrol Air & Marine Program Management Office (BPAM PMO)

DHS-CBP-ES-FM&E

(b)(6);(b)(7)(C) (cell)



From: (b) (6), (b) (7)(C)
To: (b) (6)
Subject: Final Environmental Assessment for the CBP Coronado National Forest Road Construction Project
Date: Monday, April 17, 2017 3:12:29 PM
Attachments: [EA TCA NGL Coronado National Forest Roads Final EA and FONSI 021417.pdf](#)

(b) (6) -

I received your voicemail this afternoon. Per your request, attached is a copy of the Final Environmental Assessment and associated Finding of No Significant Impact (FONSI) document for the pending Customs and Border Protection (CBP) Coronado National Forest Road Construction project.

Please let me know if you have any questions or require additional information.

Regards,

(b) (6), (b) (7)(C)
Environmental Protection Specialist
Border Patrol & Air and Marine Program Management Office
U.S. Customs and Border Protection
Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)
[Redacted]

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Monday, April 24, 2017 12:04 PM
To: (b) (6), (b) (7)(C)
Subject: FW: Master script
Attachments: Master Script with OCA Edits and Color Coding.docx
Follow Up Flag: Follow up
Flag Status: Flagged

FYSA – OCA had some specific comments that will require some work with USACE and RE

From: (b) (6), (b) (7)(C)
Sent: Thursday, April 20, 2017 4:42 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: Master script

(b) (6), (b) (7)(C),

Attached is the updated script that includes my and (b) (6), (b) (7)(C) edits for tone as well as color-coded recommendations about the level of detail provided to the different audiences. (b) (5)

[REDACTED]

Also, do you have an updated outreach strategy deck with (b) (6), (b) (7)(C) edits that you could send? Our AC is asking for the latest.

Thanks!

(b) (6), (b) (7)(C)

(b) (5)

(b) (5)

(b) (5)

(b) (5)

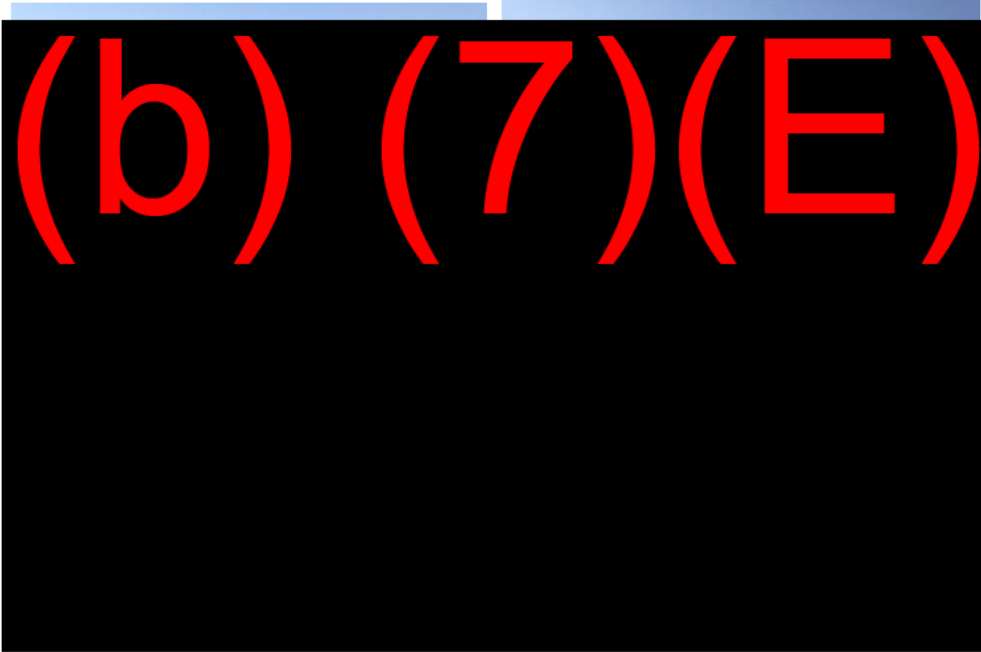
(b) (5)

(b) (5)

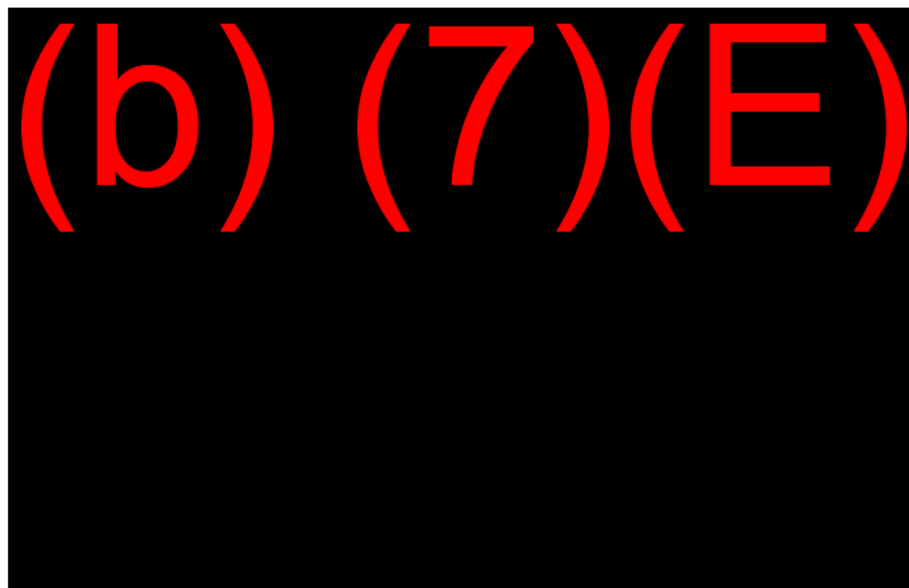
(b) (5)

(b) (5)

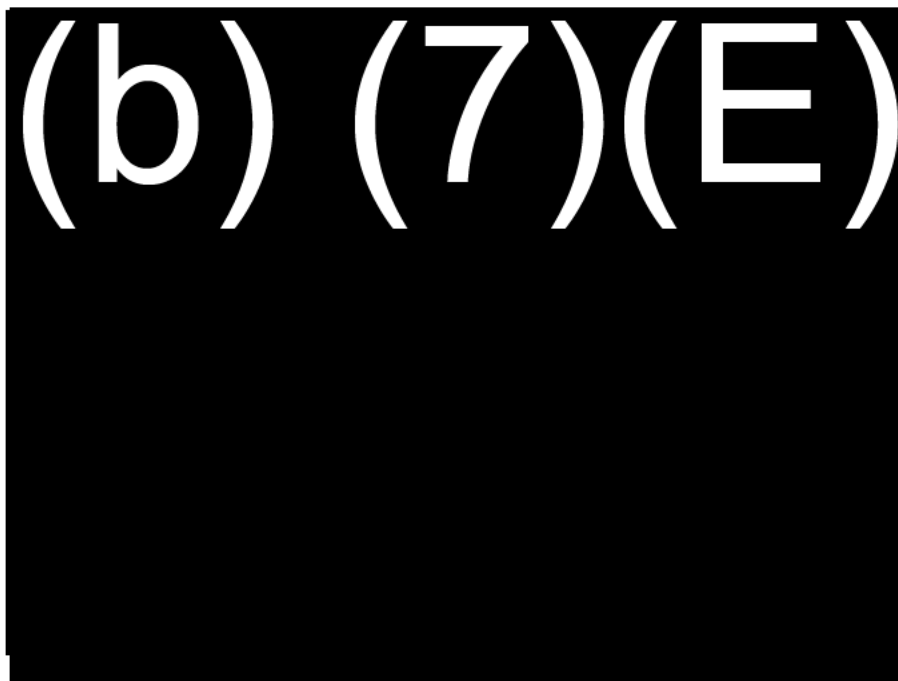
The access is on a GSA-owned site. This is an approximately (b) (7)(E) site. The purpose of this is to provide access to contractors to the border road. We propose using the existing two track on the east of the site. We would recommend improving the site with blading and gravel to handle the expected truck traffic as well as expanding the access on the north to easier accommodate turning traffic. There is currently curb on the (b) (7)(E) We would like to put in temporary ramps to support traffic flow. This would be the ingress site. It will also require (b) (7)(E) . This was discussed with Sector and they are supportive of this approach. An additional benefit of this site is that, if owned by GSA, falls into security of Federal Protective Service including arrests for trespassing by FPS.



The first picture shows the access from the north once on the GSA site. The second picture shows the access from (b) (7)(E) (b) (7)(E) If GSA is agreeable, would recommend making the access road (b) (7)(E) to allow us to stage more vehicles on it so that we can bring more in during traffic flow interruptions and also reduce likelihood of backups onto public roads.



The picture on the left shows the existing secondary fence line along the southern edge of the property. (b) (7)(E) The picture on the right shows the property from the southern edge looking north. The site is relatively flat. Gravel would be required to allow a better all-weather road for the construction period.



The area is red highlights the where we intend to put in the access road and gates.

INDEPENDENT GOVERNMENT COST ESTIMATE WORKSHEET
SUBCONTRACTOR COSTS WORKSHEET

SUBCONTRACTOR(S)/CONSULTANT(S)	ESTIMATED COSTS (\$)
	\$0.00
TOTAL SUBCONTRACTOR COSTS	\$0.00

INDEPENDENT GOVERNMENT COST ESTIMATE (IGCE)

INDEPENDENT GOVERNMENT COST ESTIMATE WORKSHEET

PROJECT TITLE

EPT ESP Support

SCOPE OF SERVICES

Provide technical support to BPAM PMO to prepare an ESP and related studies/surveys and documents for planned construction of pedestrian wall in El Paso Sector.

PROJECT MANAGER

(b) (6), (b) (7)(C)

PERIOD OF PERFORMANCE

FROM

TO

TASKS

Task	EST Quantity	Cost per	EST MATED COST (\$)	TOTAL ESTIMATED COST (\$)
Kick Off Meeting	1	\$ (b) (5)	(b) (5)	(b) (5)
Project Management Plan	1	(b) (5)	(b) (5)	(b) (5)
Agency Coordination Letters	12	(b) (5)	(b) (5)	(b) (5)
Public Outreach Materials and comment matrix	1	(b) (5)	(b) (5)	(b) (5)
Environmental Planning Document (ESP)	1	(b) (5)	(b) (5)	(b) (5)
Biological Surveys/Reports/BRP^	2	(b) (5)	(b) (5)	(b) (5)
Cultural surveys/reports/plan*	2	(b) (5)	(b) (5)	(b) (5)
Wetlands surveys/reports	2	(b) (5)	(b) (5)	(b) (5)
Construction Monitoring	4	(b) (5)	(b) (5)	(b) (5)
Teleconferences	weekly	(b) (5)	(b) (5)	(b) (5)
Admin Record and GIS shapefiles	1	(b) (5)	(b) (5)	(b) (5)
TOTAL DIRECT LABOR			(b) (5)	(b) (5)

TRAVEL			ESTIMATED COSTS (\$)	TOTAL ESTIMATED
Airfare (10 trips avg 2 per trip)	20	\$ (b) (5)	(b) (5)	(b) (5)
Travel (lodging and meals)	60	(b) (5)	(b) (5)	(b) (5)
Mileage	(b) (5)	(b) (5)	(b) (5)	(b) (5)
TOTAL TRAVEL COSTS			(b) (5)	(b) (5)

INDEPENDENT GOVERNMENT COST ESTIMATE (IGCE)

SUBCONTRACTOR			ESTIMATED COSTS (\$)	TOTAL ESTIMATED COST (\$)
Newspaper postings	4	\$ (b) (5)	(b) (5)	(b) (5)
Printing			(b) (5)	(b) (5)
Mailing			(b) (5)	(b) (5)
			(b) (5)	(b) (5)
TOTAL SUBCONTRACTOR COSTS				(b) (5)

OVERHEAD	RATE (%)	TOTAL SUB-CONTRACT OR (\$)	ESTIMATED COSTS (\$)	TOTAL ESTIMATED COST (\$)
Overhead costs associated with subcontracted services	(b) (5)	(b) (5)	(b) (5)	(b) (5)
TOTAL OVERHEAD COSTS				(b) (5)

OTHER DIRECT COSTS	\$/Hr	Hrs	ESTIMATED COSTS (\$)	TOTAL ESTIMATED COST (\$)
			(b) (5)	(b) (5)
			(b) (5)	(b) (5)
			(b) (5)	(b) (5)
TOTAL OTHER DIRECT COSTS				(b) (5)

TOTAL ESTIMATED COST (\$)	(b) (5)
---------------------------	---------

TYPED NAME AND TITLE	SIGNATURE
OFFICE/DIVISION	DATE
BPAM PMO	2/3/2017

Notes:

^ Much of this cost is for analysis and preparation of the BRP

INDEPENDENT GOVERNMENT COST ESTIMATE (IGCE)

*Much of this cost is for analysis and preparation of the Cultural resources report

From: (b) (6), (b) (7)(C)
To: (b) (6)
Cc: (b) (6); (b) (6), (b) (7)(C);
Subject: RE: Naco Fence Replacement - Wash 3E Sewage Diversion Plan - Potential CWA Regulatory Implications
Date: Thursday, February 23, 2017 12:52:11 PM
Attachments: [CWA 404 Survey GSRC Letter report combined reduced.pdf](#)

(b) (6)-

I have attached a copy of the report for your review. Please correspond with our office prior to engaging regulatory stakeholders.

In reviewing the survey report the findings were that 10 of the 22 washes in the project corridor were considered potentially jurisdictional. However, all the potentially jurisdictional washes are located on the west side of the project-meaning that the wash that is currently proposed for the sewage diversions plan is not considered potentially jurisdictional.

Additionally, project impacts to the potentially jurisdictional washes were all below .1 acres, meaning that no Pre-Construction Notification was required for the project.

If you have questions regarding the survey report, please do not hesitate to contact me.

Regards,

(b) (6), (b) (7)(C)
Environmental Protection Specialist
Border Patrol & Air and Marine Program Management Office
U.S. Customs and Border Protection
Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

-----Original Message-----

From: (b) (6)
Sent: Thursday, February 23, 2017 11:25 AM
To: (b) (6), (b) (7)(C); (b) (6)
(b) (6), (b) (7)(C)
Cc: (b) (6)
(b) (6), (b) (7)(C)
Subject: RE: Naco Fence Replacement - Wash 3E Sewage Diversion Plan - Potential CWA Regulatory Implications

(b) (6)-

Can you provide us a copy of this report?

Thanks, (b) (6)

(b) (6), P.E.
Resident Engineer
Construction Division, Tucson Resident Office Tucson, AZ Los Angeles District, U.S. Army Corps of Engineers
(b) (6)
Office: (b) (6)
Government Mobile: (b) (6)

-----Original Message-----

From: (b) (6), (b) (7)(C)

Sent: Wednesday, February 22, 2017 2:47 PM

To: (b) (6)

(b) (6), (b) (7)(C)

Cc: (b) (6)

(b) (6), (b) (7)(C)

Subject: [EXTERNAL] RE: Naco Fence Replacement - Wash 3E Sewage Diversion Plan - Potential CWA Regulatory Implications

(b) (6)-

I contracted WUS surveys for this project several months ago.

Following a site visit, my consultant determined the washes associated with this project did not have defined banks nor ordinary high water marks.

(b) (5)

I am available to discuss this further at your convenience.

Thanks,

(b) (6), (b) (7)(C)

Environmental Protection Specialist

Border Patrol & Air and Marine Program Management Office U.S. Customs and Border Protection

Office: (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

From: (b) (6)

Sent: Wednesday, February 22, 2017 1:39:05 PM

To: (b) (6); (b) (6), (b) (7)(C); (b) (6), (b) (7)(C)

Cc: (b) (6)

(b) (6), (b) (7)(C)

Subject: RE: Naco Fence Replacement - Wash 3E Sewage Diversion Plan - Potential CWA Regulatory Implications

.. (b) (5)

(b) (6), P.E.

Resident Engineer

Construction Division, Tucson Resident Office Tucson, AZ Los Angeles District, U.S. Army Corps of Engineers

(b) (6)

Office: (b) (6)

Government Mobile: (b) (6)

-----Original Message-----

From: (b) (6)

Sent: Wednesday, February 22, 2017 2:36 PM

To: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C) ; (b) (6), (b) (7)(C)
Cc: (b) (6)
(b) (6), (b) (7)(C)
Subject: RE: Naco Fence Replacement - Wash 3E Sewage Diversion Plan - Potential CWA Regulatory Implications

(b) (5)

(b) (6), P.E.
Resident Engineer
Construction Division, Tucson Resident Office Tucson, AZ Los Angeles District, U.S. Army Corps of Engineers
(b) (6)
Office: (b) (6)
Government Mobile: (b) (6)

-----Original Message-----

From: (b) (6)
Sent: Wednesday, February 22, 2017 2:18 PM
To: (b) (6), (b) (7)(C) ; (b) (6), (b) (7)(C)
(b) (6)
Cc: (b) (6)
(b) (6), (b) (7)(C)
Subject: RE: Naco Fence Replacement - Wash 3E Sewage Diversion Plan - Potential CWA Regulatory Implications

(b) (6),

Let me talk this over with my ACO - (b) (6).

(b) (6), P.E.
Supervisor Civil Engineer
Construction Division, Ft. Huachuca Project Office, CESPL-CDB-T Sierra Vista, AZ Los Angeles District, U.S.
Army Corps of Engineers
Phone: (b) (6) / Govt Cell: (b) (6) / Fax: (b) (6)
Email: (b) (6)

-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: Wednesday, February 22, 2017 12:57 PM
To: (b) (6), (b) (7)(C) (b) (6)
Cc: (b) (6)
(b) (6), (b) (7)(C)
Subject: [EXTERNAL] RE: Naco Fence Replacement - Wash 3E Sewage Diversion Plan - Potential CWA Regulatory Implications

You're awesome (b) (6); thank you!

(b) (6) - please see below and let Granite know that they can proceed as planned. (b) (5)

Best Regards,

(b) (6), (b) (7)(C), PMP

Program Manager

Border Patrol Facilities and Tactical Infrastructure

Program Management Office

Facilities Management and Engineering

24000 Avila Road Suite 5020

Laguna Niguel, CA 92677

Office: (b) (6), (b) (7)(C)

BB: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Excel as a trusted strategic partner enhancing Border Patrol's proud legacy

From: (b) (6), (b) (7)(C)

Sent: Wednesday, February 22, 2017 11:55 AM

To: (b) (6), (b) (7)(C)

Cc: (b) (6)

(b) (6), (b) (7)(C)

Subject: FW: Naco Fence Replacement - Wash 3E Sewage Diversion Plan - Potential CWA Regulatory Implications

(b) (6), (b) (7)(C)

(b) (5)

Regards,

(b) (6), (b) (7)(C)

Environmental Protection Specialist

Border Patrol & Air and Marine Program Management Office U.S. Customs and Border Protection

Office: (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C) (OCC)

Sent: Wednesday, February 22, 2017 11:06:54 AM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: RE: Naco Fence Replacement - Wash 3E Sewage Diversion Plan - Potential CWA Regulatory Implications

(b) (6), (b) (7)(C),

(b) (5)

Thanks,

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

This communication might contain communications between attorney and client, communications that are part of the agency deliberative process, or attorney-work product, all of which are privileged and not subject to disclosure outside the agency or to the public. Please consult with the Office of Assistant Chief Counsel, Indianapolis, U.S. Customs and Border Protection before disclosing any information contained in this email.

From: (b) (6), (b) (7)(C)

Sent: Wednesday, February 22, 2017 11:38 AM

To: (b) (6), (b) (7)(C) (OCC) (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Subject: Naco Fence Replacement - Wash 3E Sewage Diversion Plan - Potential CWA Regulatory Implications

(b) (6), (b) (7)(C)

(b) (5), (b) (7)(E)

(b) (5)

Regards,

(b) (6), (b) (7)(C)

Environmental Protection Specialist

Border Patrol & Air and Marine Program Management Office

U.S. Customs and Border Protection

Office: (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

From: (b) (6) (b) (6)

Sent: Wednesday, February 22, 2017 6:51 AM

To: (b) (6) (b) (6))

(b) (6) > (b) (6)

(b) (6) (b) (6)

(b) (6) > (b) (6)

(b) (6) : (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C) > (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C) >

Subject: Naco - Wash 3E Surface Diversion Plan & Notice of Differing Site Conditions

Please forward to appropriate persons.

(b) (6)

Project Manager

(b) (6)

(b) (6)

BlockedBlockedwww.graniteconstruction.com <BlockedBlockedhttp://www.graniteconstruction.com/>

<BlockedBlockedhttp://www.graniteconstruction.com/>

<BlockedBlockedhttp://www.graniteconstruction.com/Our_Company/Recognition/>

<BlockedBlockedhttps://www.linkedin.com/company/12601>

<BlockedBlockedhttps://www.facebook.com/pages/Granite-Construction/761294510591124>



August 29, 2016

U.S. Customs and Border Protection
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Attn: (b)(6);(b)(7)(C)
24000 Avila Road, Suite 5020
Laguna Niguel, CA 92677

RE: Naco Fence Section 404 Reconnaissance Survey, HSBP1015F00393 – WO 07

Dear (b)(6);(b)(7)(C)

Gulf South Research Corporation completed the Naco Fence Section 404 reconnaissance survey on August 2 and 3, 2016. The reconnaissance survey was conducted across 22 areas that were assumed to have potentially jurisdictional waters of the U.S., which would need to be included as part of the U.S. Army Corps of Engineers (USACE) permitting process for the proposed fence replacement project in Naco, Arizona. However, upon survey of the potential waters of the U.S. locations, GSRC determined that only 10 of the 22 potential areas had jurisdictional waters of the U.S. and if impacted would need to be included in the permitting process (Figure 1). Four of the 10 waters of the U.S. currently have culverts that allow water to flow underneath the roadway, while the other waters of the U.S. travel across the road over lower water crossings. The total acreage of the 10 waters of the U.S. is approximately 0.225 acre. Table 1 shows the acreage and associated waters of the U.S.

Table 1. Location and Size of the Jurisdictional Waters of the U.S.

Name	Location (Lat/Long)	Acreage
1 west	(b) (7)(E)	0.02
5 west		0.01
6 west		0.05
7 west		0.06
8 west (existing culvert)		0.001
9 west (existing culvert)		0.002
10 west (existing culvert)		0.001
11 west		0.005
12 west		0.07
15 west		0.006

Because each waters of the U.S. are considered a separate utility, GSRC recommends that U.S. Customs and Border Protection use a USACE Nationwide permit (NWP) 3 (rehabilitation and repair) for the drainage repair activities. Also, because each of the potential impacted area within the waters of the U.S. is less than 0.1-acre, preconstruction notification is not warranted. Photographs of the ten jurisdictional waters of the U.S. are included in Attachment A to this letter.

(b) (6)

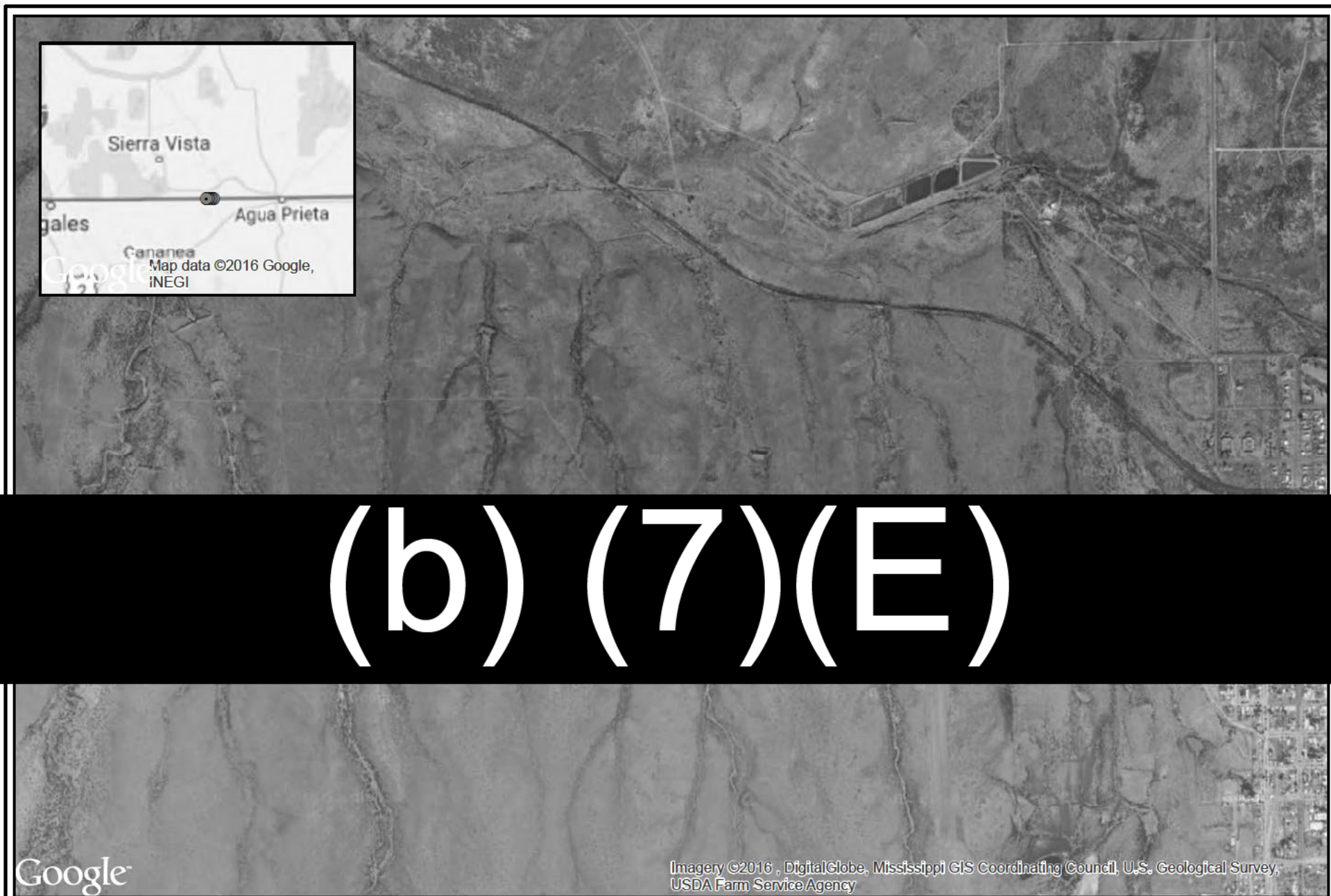


Figure 1. WUS Locations

(b) (7)(E)



Photograph 1. Drainage 1 West facing North



Photograph 2. Drainage 1 West facing South

(b) (7)(E)



Photograph 3. Drainage 5 West facing North

(b) (7)(E)



Photograph 4. Drainage 6 West facing North

(b) (7)(E)



Photograph 5. Drainage 6 West facing South

(b) (7)(E)



Photograph 6. Drainage 7 West facing North



Photograph 7. Drainage 8 West facing North



Photograph 8. Drainage 8 West facing South



Photograph 9. Drainage 9 West facing North



Photograph 10. Drainage 9 West facing South



Photograph 11. Drainage 10 West facing North



Photograph 12. Drainage 10 West facing South

(b) (7)(E)



Photograph 13. Drainage 11 West facing Northwest

(b) (7)(E)



Photograph 14. Drainage 11 West facing North

(b) (7)(E)



Photograph 15. Drainage 12 West facing North



Photograph 16. Drainage 12 West facing South

(b) (7)(E)



Photograph 17. Drainage 15 West facing North

(b) (7)(E)



Photograph 18. Drainage 15 West facing South